

WATER-I.D.[®]

WATER TESTING EQUIPMENT ● ● ●

INNOVATIVE WATER TESTING

DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING



“Water is **life**,
and clean water
means **health**.”

– Audrey Hepburn

v34

We at Water-i.d.® are proud to present our Innovative Water Testing catalogue, with a comprehensive variety of products for all kinds of water testing in different sectors and industries. Over 150 types of reagents (tablets, powders, tube tests), photometers, pool testers, test strips, comparators, mini-kits, electronic meters and bacterial tests are part of the Water-i.d.® product range.

With almost 20 years of experience, Water-i.d.® is always aiming to combine modern technology with established test procedures. By doing so, Water-i.d.® has been awarded several times by various bodies for its innovative strength. Whether tablet press-through blisters, photometers with Bluetooth® and WiFi, app, software and cloud connection, the latest photometer sensor technology with 18 wavelengths or the FlexiTester®, a cost-effective combination of pool tester and comparator; All these were and are innovative accents that Water-i.d.® has been able to set in the water analysis industry.



Water-i.d.®'s production and headquarters are based near to Karlsruhe in the South West of Germany. The various Water-i.d.® subsidiaries are located in Spain (Castellón de la Plana), in the UK (Blaenavon), in the USA (Somerset/NJ), in India (Thane), in the United Arab Emirates (Sharjah) and in Russia (Moscow). The Water-i.d.® distribution network stretches all over the world covering all continents and various industries. This allows Water-i.d.® to offer the best service for you, our valued customer, in your region.

Water-i.d.® is ISO 9001:2015 certified and stands for quality reagents, made in Germany.



DRINKING WATER



LABORATORIES



WASTE WATER



MARINE



BOILER WATER



COOLING WATER



POOLS



FOOD PROCESSING



TABLE OF CONTENTS

Photometry

PrimeLab 2.0 Photometer	6
PrimeLab 2.0 Pre-Set-Kits	36
PoolLab 1.0® Photometer	60
PoolLab 2.0® Photometer	62

Electrochemistry

ProbeBOX 1.0 & Electrodes	66
Electrode-Kits	68
Electrodes Overview	76
Accessories	78
Calibration Solutions	79

Rapid Tests

Comparator	82
FlexiTester®	84
Mini-Kits	86
Balanced Water Kits	88

Microbiological Tests

Dipslides & Incubators	90
Legionella Test-Kits	92

Swimming Pool Tests

Pooltester	98
Test Strips	100

Electrochemical Tests

Electronic Meter	102
Calibration Solutions	106

Reagents

Reagents Overview	108
Suitable Reagents	
PrimeLab 2.0	111
PoolLab 1.0®	119
PoolLab 2.0®	121
Comparator	124
FlexiTester®	127
Mini-Kits	130
Pooltester	132
Balanced Water Kits	134

PRIMELAB 2.0

THE ULTIMATE PHOTOMETER



MORE THAN 140 PARAMETERS

18 WAVELENGTHS (410-940 NM)

5.5" COLOUR HD TOUCH DISPLAY

CAMERA (QR-CODE SCANNER)

USB TYPE-C*

WIFI, USB, 5G**, BLUETOOTH®

PROBE CONNECTOR (PH|EC|TDS|TEMP|ORP)

DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

The next generation of photometers – the PrimeLab 2.0, developed by Water-i.d.®

High-precision measurements due to 18 parallel wavelengths, WiFi, USB, Bluetooth®* or 5G** connection, powerful software and app, synchronised via a free cloud service, large HD touch display and the possibility to connect electrodes are just some of the features of the new PrimeLab 2.0, which replaces the proven PrimeLab 1.0 from 2013.

While conventional photometers only perform tests at selected wavelengths, the Primelab 2.0 can also receive data from 18 different wavelengths in parallel and thus covers the most important parts of the UV and IR range as well as the entire VIS range. Corresponding LEDs are positioned at both 180° and 90° to also allow NTU turbidity, PTSA and fluorescein measurements. Very narrow peaks between 390 and 950 nm enable the most accurate readings, close to the performance of a spectrophotometer.

The highly professional PrimeLab 2.0 firmware interpolates between the different wavelengths, while some parameter curves are set to use multiple wavelengths to obtain the most accurate test results. For each individual parameter method, there are step-by-step instructions in many different languages, as well as useful animations and links to user videos to ensure that the correct and proper procedure is followed.

Like the PrimeLab 1.0, the PrimeLab 2.0 offers a flexible parameter setup with all the options to upgrade as needed. The PrimeLab 2.0 offers more than 140 different parameters/methods, covering the needs of many different industries. With its built-in camera, the PrimeLab 2.0 offers the ability to scan QR-codes to identify sampling points set



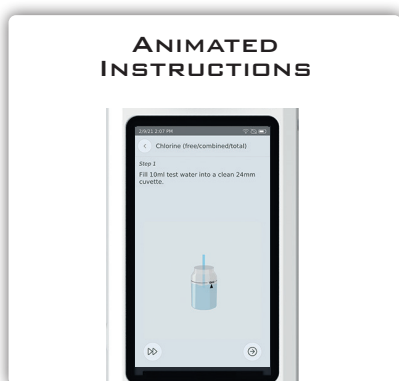
up by the user and to identify reagents with a QR-code on the packaging.

Advantages of these options are:

- Scanning the QR-code of a sampling site ensures that you always link the test results you receive to the correct sampling point. This shortens the testing process as the associated account is automatically selected.
- Scanning QR-codes on reagent packaging prevents the wrong or even expired reagents from being used and speeds up the testing process by pre-selecting the parameter method.

Over time, water analysis has become much more than just a test. Real-time availability of reliable test results and data management are as important as the test results themselves. The PrimeLab 2.0 is the ultimate in connectivity! With WiFi, USB, Bluetooth®* or 5G** there are several ways to connect the PrimeLab 2.0 to a smartphone, tablet, computer or directly to the LabCOM® cloud.

Wherever the tests are carried out, whether it is in the lab, on site or on a ship, inside a cooling tower – in fact anywhere – the data can be transferred easily and automatically.



*for charging, data transfer, probe connection and 5G** modem **via USB Internet stick | Accessories | possibly subject to a charge for connection

Compose your own kit according to your demand and industry.



Basic Kit:

- 1 x PrimeLab 2.0 photometer
- 1 x Grey plastic case with foam insert
- 4 x 24 mm | 10 ml glass cuvettes
- 1 x light protection cap
- 1 x 10 ml syringe
- 1 x plastic stirring rod
- 1 x cleaning brush
- 1 x DC adapter (110 | 220 V) with international plugs & USB cable
- 1 x Fully printed manual



Parameters:

Select as many parameter methods as you like, out of more than 140 available. You can always purchase a code to activate further parameters if you like to add any. Corresponding software and app are updated via the internet to always provide the latest list of available parameters.

You can view the latest parameter list at www.primelab.org



Reagents | Accessories:

Select reagents according to the selected parameters. Add accessories, e.g. more cuvettes, stirring rods, professional pipettes, adapters for different cuvette sizes and much more.



Easily exchangeable
adapter for 24 mm, 16 mm
and 1 ml semi-micro-vials
(rectangle)

Extra strong
8400 mAh battery
for long runtimes

USB Type-C port for
charging, data transfer,
probe-connection and
5G-modem.

Camera for
scanning
QR-codes

5.5" colour
HD touch display



*via USB Internet stick | Accessories | possibly subject to a charge for connection

STARTER KITS



Starter Kit 1 PL02B	No parameters/methods activated Without reagents
Starter Kit 2 PL02BALL-wo90	All parameters activated except Turbidity PTSA Fluorescein Without reagents
Starter Kit 3 PL02BALL	All parameters activated Without reagents
Starter Kit 4 PL02B-TRB	WITH Turbidity (NTU) only Without reagents No other parameters/methods activated

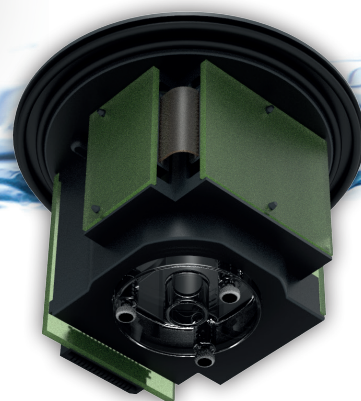
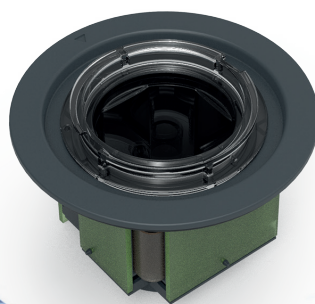
PRIMELAB 2.0 – STARTER KIT ACCESSORIES

Item-Code	Kit
Starter Kit 1 PL02B	1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer 5.5" HD Colour Touch Display 18 wavelengths-scan (410 – 940 nm) „90° ready“ for NTU, PTSA, Fluorescein, Plankton Option of over 140 different parameters (chargeable activation required) 8.400 mAh Li-Ion-battery (built-in) Bluetooth® 4.2 WiFi/USB Type-C 5G (via USB Type-C Modem) Option to connect Electrodes (via USB Type-C plus A/D-changer-Box) Built-in camera to scan QR-codes Self-Calibration-Mode with certificate (via LabCOM® software) „I-OTZ“ Intelligent-One-Time-Zero Compatible to the free of charge PrimeLab tools: LabCOM® App Software Cloud (Android®, iOS®, Windows®, Mac®, Browser) 4 x 24 mm 10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x Light shield (for 16 mm and 1 ml vials as well as check-standards) 1 x 24 mm vial adapter (built-in; exchangeable) 1 x 10.5 cm stirring rod 1 x 10 ml plastic syringe (graduated) 1 x Vial cleaning brush 1 x Microfibre cleaning cloth for vials 1 x Charger with cable (USB Type-C) 1 x Printed user manual in a ring-binder
Starter Kit 2 PL02BALL-wo90	Additional To Starter Kit 1 6 x 24 mm 10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x 10.5 cm stirring rod 1 x 16 mm vial adapter 1 x 1 ml semi-micro-vials (rectangle) adapter 1 x Luer lock syringe (20 ml) with adapter for filter holder 1 x Filteradapter for 20 ml Luer-Lock-Spritze 1 x Can with 50 filter-papers GF/C (25 mm) 1 x Can with 50 filter-papers 0.4 µm (25 mm) 1 x 100 ml can with lid (for dilution) 
Starter Kit 3 PL02BALL	Additional To Starter Kit 1 6 x 24 mm 10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x 10.5 cm stirring rod 1 x 16 mm vial adapter 1 x 1 ml semi-micro-vials (rectangle) adapter 1 x Luer lock syringe (20 ml) with adapter for filter holder 1 x Filteradapter for 20 ml Luer-Lock-Spritze 1 x Can with 50 filter-papers GF/C (25 mm) 1 x Can with 50 filter-papers 0.4 µm (25 mm) 1 x 100 ml can with lid (for dilution) 
Starter Kit 4 PL02B-TRB	Additional To Starter Kit 1 1 x 1 - 10 ml professional lab pipette with 2 tips 1 x NTU-Turbidity calibration kit. Sealed glass vials with 0.5/10/1000 NTU 1 x Activation Code ID 112 Turbidity 

18 WAVELENGTH SENSOR TECHNOLOGY

UV – VIS – IR peaks at [nm]:

410	435	460	485	510	535
560	585	610	645	680	705
730	760	810	860	900	940



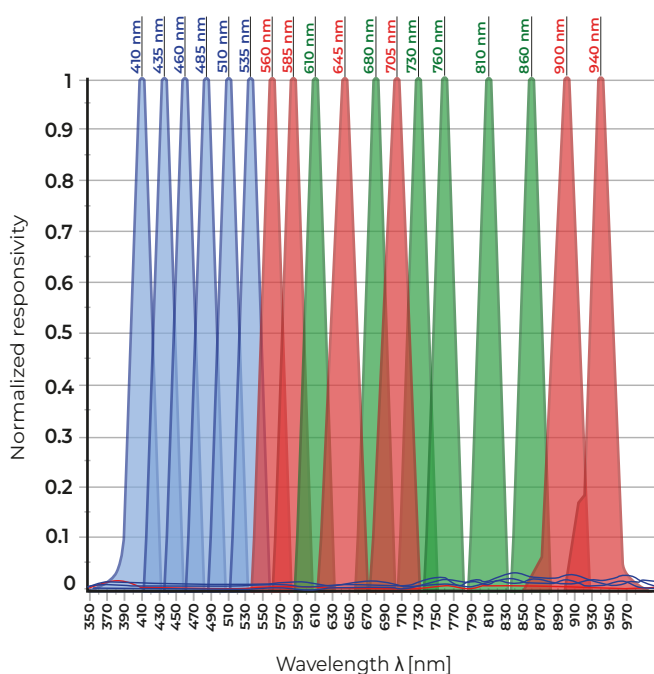


While normal photometers perform measurements on one selected wavelength only, the PrimeLab 2.0 can receive data from 18 different wavelengths, covering the key parts of UV and IR section of the spectrum and the full VIS range.

Three sensors, each with six wavelengths, are interconnected together. To enable NTU-Turbidity, Fluorescein and PTSA measurements, corresponding LEDs are set up at an angle of 180° as well as 90° . Very narrow peaks between 390 and 950 nm allow utmost accurate readings, similar to the performance of a spectrophotometer.

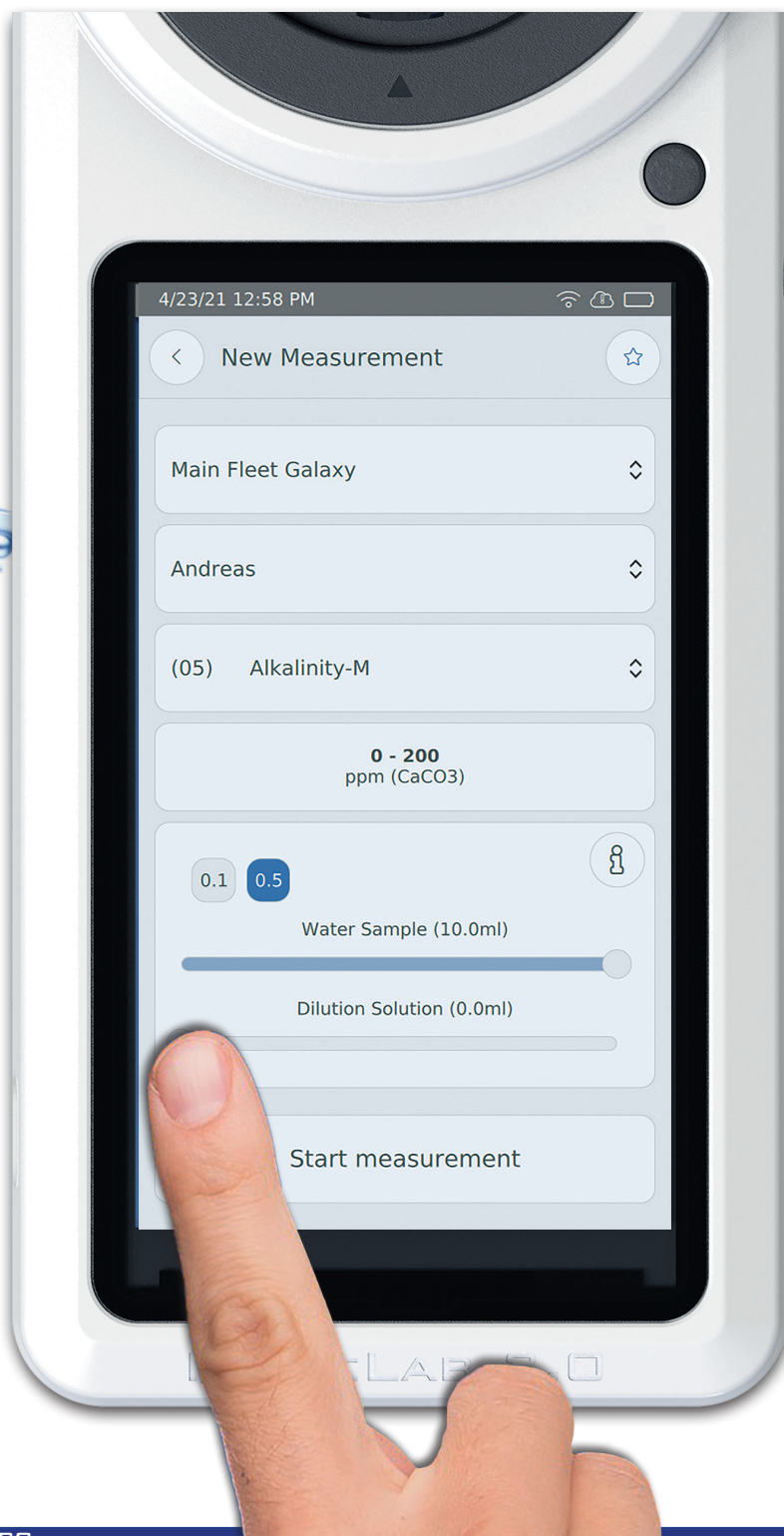
The highly professional PrimeLab 2.0 firmware can interpolate between the different wavelength detections, while some of the parameter curves are set to use multiple wavelengths to obtain the most accurate test results.

18 channel spectral response



18 wavelengths throughout the UV - VIS - IR range are covered by sensors used by the PrimeLab 2.0. Narrow peaks on the spectral curve allow utmost accuracy.

5.5" COLOUR HD TOUCH DISPLAY



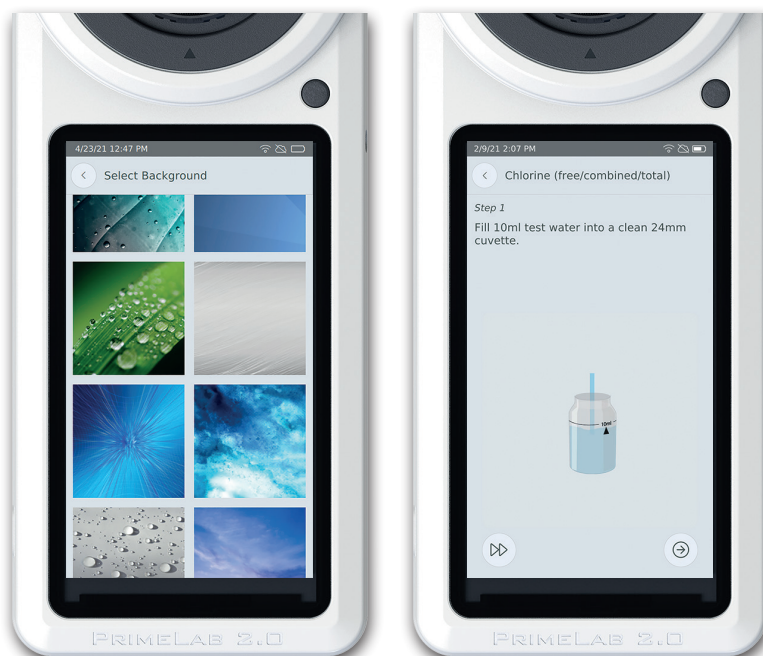


The PrimeLab 2.0 features a state-of-the-art 5.5" colour HD touch display.

The large display gives a perfect overview of all basic information, such as battery status, WiFi, 5G* and Bluetooth® connectivity and offers highest flexibility for you to arrange icons as you would on your smartphone.

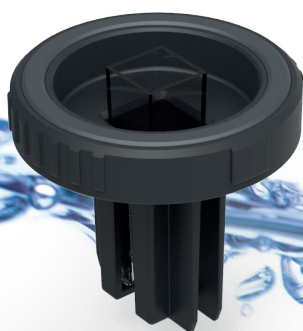
Each and every parameter/method comes with step by step instructions in many different languages plus useful animations and links to user videos, ensuring the correct procedure is followed to get the measurement result accurate and correct.

Due to the large display, all data can be easily managed on the PrimeLab 2.0.



ADAPTERS FOR DIFFERENT VIALS

1 ml semi-micro-vial (rectangle)
(e.g. for Legionella testing)



16 mm
(e.g. for COD testing)



24 mm (standard)



The PrimeLab 2.0 uses 24 mm glass vials, 16 mm glass vials and 1 ml semi-micro-vials (rectangle).

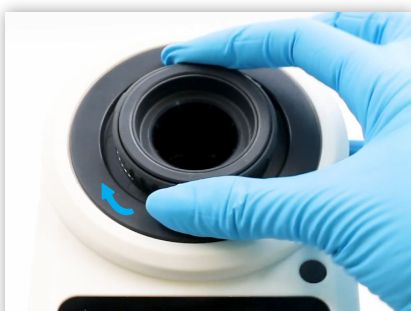
The vial adapter can easily be changed and replaced with a simple, built-in, bayonet lock. The same procedure is used for fitting and replacing each adapter (step 1 – 3).

To remove the adapter again, turn it anticlockwise and pull it out. Please make sure to use the lightshield (image on the bottom of the page) when measuring with the 16 mm and 1 ml semi-micro-vial (rectangle) adapter.



Step 1:

Place your chosen adapter in the transparent protective cup of the smartchamber. Push the adapter down to fix it in place.



Step 2:

Turn the adapter clockwise until you hear and feel the adapter click into place.



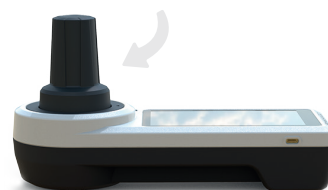
Step 3:

Please make sure that the raised area on the adapter is in line with the triangle/arrow on the PrimeLab 2.0.



Check out our
YouTube channel

Lightshield for measuring in the PrimeLab 2.0 with 16 mm and 1 ml semi-micro-vials (rectangle).



PRIMELAB 2.0 CAMERA





With the built-in camera, the PrimeLab 2.0 gives the option to scan QR-codes to identify sampling points set up by the user and to identify reagents with QR-codes on the package. The advantages of this options are significant:

1. Scanning the QR-code of a sampling point ensures that you always connect the test results obtained to the right sampling point. Rapidly reducing the test process as the related sampling point will be selected automatically, ready for the next measurement.
2. Scanning QR-codes from the reagent's package prevents from ever using wrong or even expired reagents, accelerating the test process by pre-selecting the parameter/method, and being ready for the next measurement.



CONNECTING PRIMELAB 2.0

WiFi | USB | 5G* | BLUETOOTH®





Over time, water testing became much more than just testing. Real-time availability of reliable test results plus data management are as important as the test results itself. As said, the PrimeLab 2.0 is the ultimate choice for connectivity!

WiFi, USB Type-C, 5G* and Bluetooth® are available as multiple options to connect the PrimeLab 2.0 with a smartphone, tablet, computer or directly with the LabCOM® Cloud.

Wherever the tests are performed, whether in a lab, on site, on a ship, or in a cooling tower – in fact anywhere – data can easily and automatically be transferred.



LABCOM[®]

SOFTWARE, APP & CLOUD

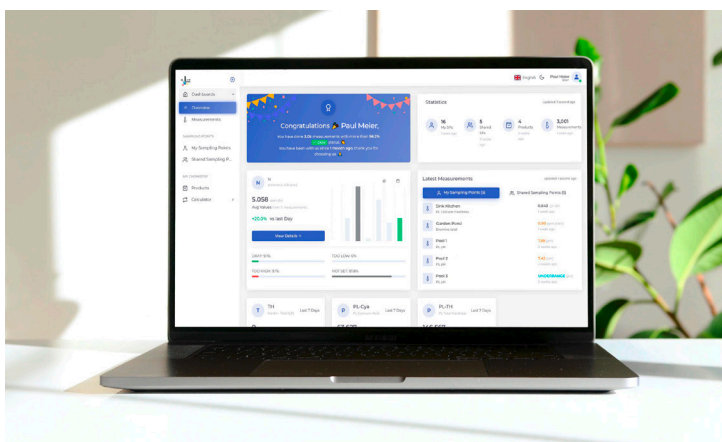
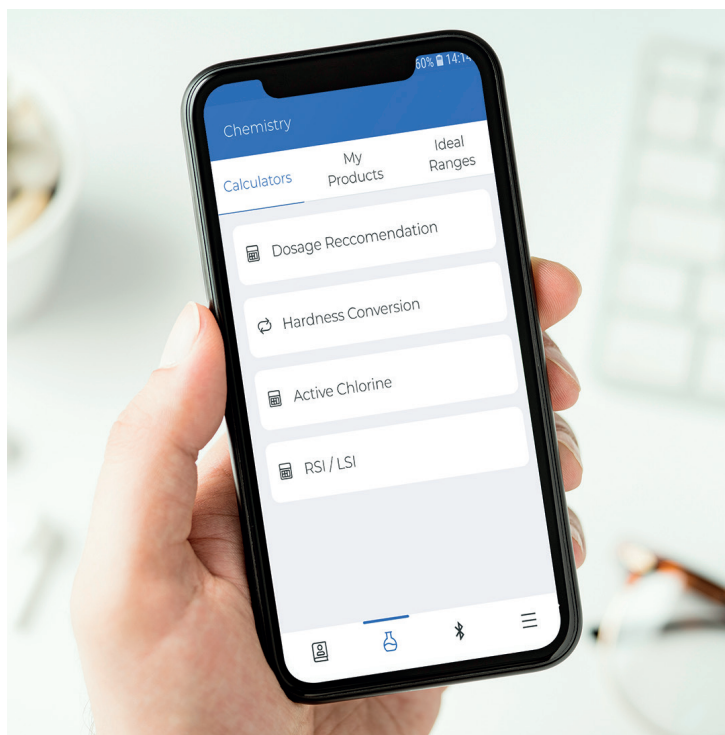


All free of charge!

The most powerful LabCOM® App, Software & Cloud-solution, developed over many years and in use with the PrimeLab 1.0 and with the PoolLab®, also connects and runs with the PrimeLab 2.0.

The PrimeLab 2.0 along with the LabCOM® App and Software allows you to create unlimited users. In addition you can enter individual water treatment chemicals. All these are synchronized via the LabCOM® Cloud. Reports can be created, printed or sent, dose recommendations can be created and statistics can be run.

The featured admin tool allows you to create rules, such as: needs to be tested daily or: test result must be in between... and gives warnings when these rules are broken. With the admin tool, the user also can grant access to other users, such as customers or headquarters, with full flexibility to select what information shall be shared.

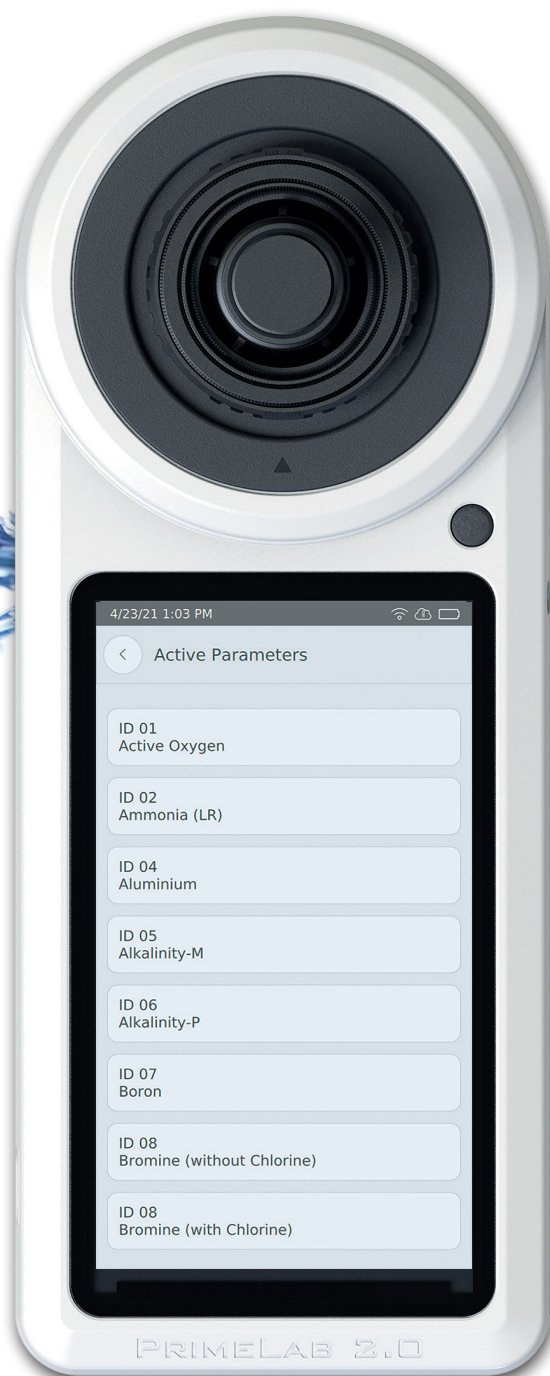


The LabCOM® Cloud solution requires less than a minute for registration. It provides full access to all test results, sampling points and individual water treatment chemicals either through a regular internet browser or on a smartphone (Android/iOS), tablet or on a computer (Windows). Your data is synchronized automatically and instantly available to review.

The LabCOM® Cloud includes the admin-tool to set up rules, run statistics and grant access to selected users. Once a cloud account is registered, test results, administrator settings, rules and reports can be managed online: <https://labcom.cloud>.



FLEXIBLE PARAMETER SETUP





Why pay for more parameters than needed?

As with PrimeLab 1.0, the PrimeLab 2.0 is offering a flexible parameter setup with all options to upgrade whenever needed. The PrimeLab 2.0 offers more than 140 different parameters/methods, covering the needs of many different industries. It is rather unlikely that one user will be in need of all parameters offered.

That's why the PrimeLab 2.0 practices fairplay by giving the user the option to choose and pay only for those parameters they really need. This keeps the costs down to a minimum and makes the PrimeLab 2.0 even more convenient to use. Even after purchase, the user has the option to activate additional parameters at any time by just ordering an activation code, to be entered on the PrimeLab 2.0 for instant activation.

If a PrimeLab 2.0 with all parameters activated is needed there is two options:

1: PrimeLab 2.0 with all parameters activated (PL02BALL).

OR

2: PrimeLab 2.0 with all parameters activated except Turbidity (NTU) | PTSA | Fluorescein (PL02BALL-wo90).

Step 1:

Order the PrimeLab 2.0 Basic Kit in a carrying case with device, lightshield, vials, stirring rod, charger, cleaning brush, microfibre cloth, syringes and full printed user manual.

Step 2:

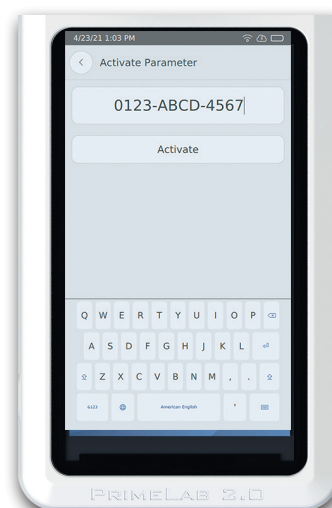
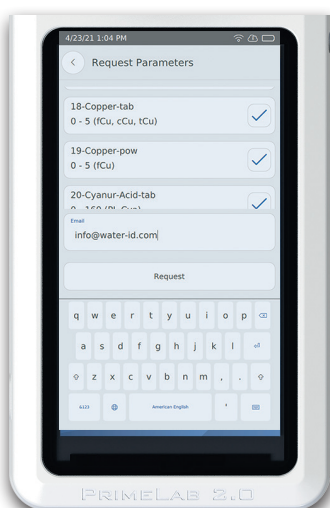
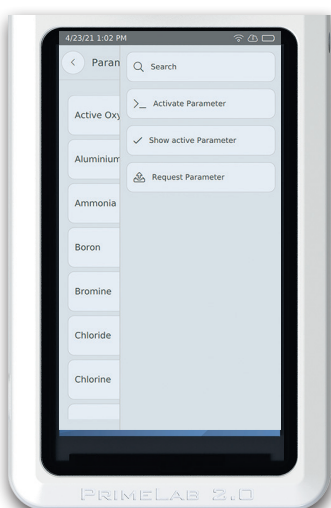
Choose those parameters/methods from the parameter list, which shall be pre-activated when the PrimeLab 2.0 will be delivered (find the parameter list on p. 56)

Step 3:

Find additional accessories, such as additional vials, pipettes, filter equipment plus reagents according to the parameters selected.

Step 4 (optional):

Order activation codes (at any time) for additional parameters, whenever required. Activate directly on the PrimeLab 2.0 or through the LabCOM® Software or App.



PRIMELAB 2.0 – LIST OF PARAMETERS

Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar1	Active Oxygen	0.0 – 40.0 mg/l MPS	0.1	T
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO ₃	1	T
PLPar193	Alkalinity-M	5 – 200 mg/l CaCO ₃	1	L
PLPar121	Alkalinity-M (HR)	0 – 500 mg/l CaCO ₃	1	T
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO ₃	1	T
PLPar4	Aluminium	0.00 – 0.30 mg/l Al ³⁺	0.01	T
PLPar2	Ammonia (LR)	0.00 – 1.00 mg/l N	0.01	PP
PLPar155	Ammonia (HR)	1.0 – 50.0 mg/l N	0.1	TT + PP
PLPar7	Boron	0.00 – 2.00 mg/l B ³⁺	0.01	T
PLPar8	Bromine	0.00 – 18.00 mg/l Br ₂	0.01	T
PLPar63	Bromine	0.00 – 9.00 mg/l Br ₂	0.01	L + P
PLPar128	Bromine	0.00 – 18.00 mg/l Br ₂	0.01	PP
PLPar71	Carbohydrazide	0.00 – 1.30 mg/l C.Hyd.	0.01	L
PLPar95	Chloramines	0.00 – 8.00 mg/l fCl ₂ 0.00 – 11.60 mg/l NH ₂ Cl 0.00 – 19.00 mg/l NHCl ₂	0.01	T
PLPar10	Chloride	0.5 – 25.0 mg/l Cl ⁻	0.1	T
PLPar124	Chloride	0.0 – 100.0 mg/l Cl ⁻	0.1	L
PLPar167	Chloride in Methanol	0.0 – 20.0 mg/l Cl ⁻	0.1	20.0
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl ₂	0.01	T
PLPar12	Chlorine (free-combined-total)	0.00 – 4.00 mg/l Cl ₂	0.01	L
PLPar129	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl ₂	0.01	PP
PLPar122	Chlorine (MR)	0.00 – 10.00 mg/l Cl ₂	0.01	T
PLPar14	Chlorine (HR)	5 – 200 mg/l Cl ₂	1	PP
PLPar15	Chlorine (HR)	0 – 200 mg/l Cl ₂	1	L
PLPar16	Chlorine Dioxide	0.00 – 15.00 mg/l ClO ₂	0.01	T

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents



Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar64	Chlorine Dioxide	0.00 – 7.60 mg/l ClO ₂	0.01	L
PLPar130	Chlorine Dioxide	0.00 – 15.00 mg/l ClO ₂	0.01	PP + T
PLPar106	Chlorite	0.00 – 8.00 mg/l ClO ₂ ⁻	0.01	L
PLPar94	Chromium	0.00 – 2.20 mg/l Cr ³⁺	0.01	T + PP
PLPar103	Chromium	0.00 – 1.00 mg/l Cr ³⁺	0.01	P + L
PLPar79	COD (LR)	0 – 150 mg/l O ₂	1	TT
PLPar80	COD (MR)	0 – 1500 mg/l O ₂	1	TT
PLPar17	COD (HR)	0 – 15000 mg/l O ₂	1	TT
PLPar107	Colour (Hazen/APHA)	15 – 500 mg/l Pt-Co	1	---
PLPar18	Copper	0.00 – 5.00 mg/l Cu ²⁺	0.01	T
PLPar19	Copper	0.00 – 5.00 mg/l Cu ²⁺	0.01	P
PLPar158	Cyanide	0.01 – 0.50 mg/l CN ⁻	0.01	P + L
PLPar20	Cyanuric Acid	0 – 160 mg/l Cya	1	T
PLPar65	DBNPA	0.00 – 13.00 mg/l DBNPA	0.01	L
PLPar82	DBNPA	0.00 – 13.00 mg/l DBNPA	0.01	T
PLPar21	DEHA	20 – 1000 µg/l DEHA	1	L
PLPar109	DEWAN-50	0 – 300 mg/l DW50	1	L
PLPar163	Dissolved Oxygen	0.0 – 10.0 mg/l O ₂	0.1	L
PLPar70	Erythorbic Acid	0.00 – 3.50 mg/l Ery. Acid	0.01	L
PLPar113	Fluorescein	0 – 500 µg/l Fluoresc.	1	---
PLPar180	Fluoride (SPADNS)	0.00 – 2.00 mg/l F ⁻	0.01	L
PLPar78	Hardness-Calcium	0 – 500 mg/l CaCO ₃	1	T
PLPar166	Hardness-Calcium	0 – 500 mg/l CaCO ₃	1	L
PLPar9	Hardness-Calcium (HR)	50 – 1000 mg/l CaCO ₃	1	T
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO ₃	0.1	T

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents

PRIMELAB 2.0 – LIST OF PARAMETERS

Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar148	Hardness-Total (HR)	0 – 500 mg/l CaCO_3	1	L
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	1	T
PLPar23	Hydrazine	5 – 600 $\mu\text{g/l}$ N_2H_4	1	L
PLPar160	Hydrocarbons in Methanol (tank wash)	yes/no	1	--
PLPar66	Hydrogen Peroxide (LR)	0.00 – 1.90 mg/l H_2O_2	0.01	L
PLPar24	Hydrogen Peroxide (LR)	0.00 – 3.80 mg/l H_2O_2	0.01	T
PLPar25	Hydrogen Peroxide (HR)	0 – 200 mg/l H_2O_2	1	L
PLPar162	Hydrogen Peroxide (HR)	0 – 200 mg/l H_2O_2	1	T
PLPar26	Hydroquinone	0.00 – 2.50 mg/l $\text{C}_6\text{H}_6\text{O}_2$	0.01	L
PLPar27	Iodine	0.00 – 28.00 mg/l I_2	0.01	T
PLPar67	Iodine	0.00 – 14.00 mg/l I_2	0.01	L
PLPar28	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+/3+}$	0.01	T
PLPar199	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+/3+}$	0.01	T
PLPar29	Iron (MR)	0.0 – 10.0 mg/l $\text{Fe}^{2+/3+}$	0.1	P
PLPar127	Iron (MR) Ferrous	0.0 – 10.0 mg/l $\text{Fe}^{2+/3+}$	0.1	P
PLPar30	Iron (HR)	0.0 – 20.0 mg/l $\text{Fe}^{2+/3+}$	0.1	L
PLPar171	Iron in Oil	20 – 450 mg/l $\text{Fe}^{2+/3+}$	1	L + T
PLPar132	Iron total	0.00 – 3.00 mg/l $\text{Fe}^{2+/3+}$	0.01	PP
PLPar88	Isothiazolinone	0.0 – 10.0 mg/l Isothia.	0.1	L
PLPar147	Legionella	60 – 10^6 CFU/l	1	O
PLPar93	Magnesium	0 – 100 mg/l Mg^{2+}	1	T
PLPar31	Manganese	0.20 – 5.00 mg/l Mn^{2+}	0.01	PP
PLPar161	Manganese VLR	0.000 – 0.030 mg/l Mn^{2+}	0.001	T
PLPar69	Methylethylketoxime	0.00 – 4.10 mg/l $\text{C}_4\text{H}_9\text{NO}$	0.01	L
PLPar32	Molybdate	1.0 – 100.0 mg/l MoO_4^{2-}	0.1	T

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents



Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar96	Molybdate (LR)	0.0 – 15.0 mg/l MoO_4^{2-}	0.1	T
PLPar33	Molybdate (HR)	5.0 – 200.0 mg/l MoO_4^{2-}	0.1	L
PLPar134	Molybdate (HR)	0.0 – 40.0 mg/l MoO_4^{2-}	0.1	P
PLPar90	Nickel (HR)	0.0 – 7.0 mg/l Ni^{2+}	0.1	T
PLPar100	Nickel (HR)	0.0 – 7.0 mg/l Ni^{2+}	0.1	L
PLPar34	Nitrate	0.00 – 11.00 mg/l N	0.01	P + L
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	1	PP
PLPar190	Nitrate TubeTest	1.0 – 30.0 mg/l N	0.1	L + PP
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	0.01	PP
PLPar36	Nitrite (HR)	5 – 200 mg/l NaNO_2	1	P
PLPar97	Nitrite (HR)	0 – 1500 mg/l NaNO_2	1	T
PLPar101	Nitrite (HR)	0 – 3000 mg/l NO_2^-	1	L
PLPar151	Nitrogen-Total (LR)	0.5 – 25.0 mg/l N	0.1	TT + PP
PLPar152	Nitrogen-Total (HR)	5 – 150 mg/l N	1	TT + PP
PLPar37	Ozone	0.00 – 5.40 mg/l O_3	0.01	T
PLPar92	Ozone	0.00 – 2.70 mg/l O_3	0.01	L
PLPar164	Peracetic Acid (LR)	0.00 – 10.00 mg/l PAA	0.01	T
PLPar165	Peracetic Acid (HR)	0.0 – 300.0 mg/l PAA	0.1	T + PP
PLPar159	Permanganate Time Test fvc4r in Methanol (tank wash)	0 – 100 %T	---	L
PLPar41	pH-Universal	pH 5.0 – 11.0	0.1	T
PLPar42	pH-Universal	pH 4.0 – 11.0	0.1	L
PLPar40	pH-value (LR)	pH 5.20 – 6.80	0.01	T
PLPar38	pH-value (MR)	pH 6.40 – 8.40	0.01	T
PLPar39	pH-value (MR)	pH 6.40 – 8.40	0.01	L

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents

PRIMELAB 2.0 – LIST OF PARAMETERS

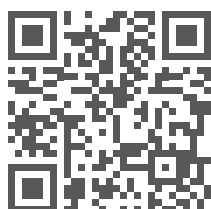
Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar98	Phenol	0.00 – 5.00 mg/l Phenol	0.01	T
PLPar43	PHMB	2 – 60 mg/l PHMB	1	T
PLPar44	Phosphate (LR)	0.00 – 4.00 mg/l PO_4^{3-}	0.01	PP + T
PLPar45	Phosphate (LR)	0.00 – 4.00 mg/l PO_4^{3-}	0.01	L + P
PLPar46	Phosphate (HR)	0.0 – 80.0 mg/l PO_4^{3-}	0.1	PP + T
PLPar47	Phosphate (HR)	0.0 – 100.0 mg/l PO_4^{3-}	0.1	L
PLPar87	Phosphonate	0.0 – 20.0 mg/l PO_4^{3-}	0.1	P + L
PLPar110	Phosphonate	0.0 – 20.0 mg/l PO_4^{3-}	0.1	T
PLPar153	Phosphorus-Total (LR)	0.00 – 2.60 mg/l P	0.01	TT + PP + T + P + L
PLPar154	Phosphorus-Total (HR)	0.0 – 52.0 mg/l P	0.1	TT + PP + T + P + L
PLPar85	Polyacrylate	1.0 – 30.0 mg/l Polyacr.	0.1	L
PLPar48	Potassium	0.7 – 12.0 mg/l K^+	0.1	T
PLPar111	PTSA	0 – 1000 $\mu\text{g/l}$ PTSA	1	--
PLPar173	Sanosil	0 – 400 mg/l Sanosil	1	L
PLPar49	Silica (LR)	0.00 – 5.00 mg/l SiO_2	0.01	L + P
PLPar50	Silica (HR)	0 – 100 mg/l SiO_2	1	P
PLPar51	Sodium Hypochlorite	0.2 – 40.0 % NaOCl	0.01	PP
PLPar68	Sodium Hypochlorite	0.2 – 40.0 % NaOCl	0.01	L
PLPar54	Sulphate	5 – 100 mg/l SO_4^{2-}	1	PP
PLPar55	Sulphate	5 – 100 mg/l SO_4^{2-}	1	P
PLPar52	Sulphide	0.04 – 0.50 mg/l S^{2-}	0.01	T
PLPar140	Sulfide	0.00 – 0.70 mg/l S^{2-}	0.01	L
PLPar53	Sulphite (LR)	0.0 – 5.0 mg/l SO_3^{2-}	0.1	T
PLPar105	Sulphite (HR)	0 – 300 mg/l SO_4^{2-}	1	T
PLPar174	Sulphite (HR)	0 – 200 mg/l SO_3^{2-}	1	L

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents



Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar81	Suspended solids	0 – 750 mg/l Sus. Sol.	1	---
PLPar91	Tannic acid	0 – 200 mg/l Ta. Acid	1	L
PLPar108	Total Oxidant	0.03 – 4.00 mg/l Cl ₂	0.01	L
PLPar191	Total Residual Oxidant	0.00 – 4.00 mg/l Cl ₂	0.01	L
PLPar197	TOC LR	5 – 80 mg/l TOC	1	L + P
PLPar198	TOC HR	50 – 800 mg/l TOC	1	L + P
PLPar170	Transmission / Absorption (all wavelengths). Wavelengths [nm]: 410, 435, 460, 485, 510, 535, 560, 585, 610, 645, 680, 705, 730, 760, 810, 860, 900, 940	0 – 100 % T	---	---
PLPar59	Turbidity (FAU)	20 – 1000 FAU	1	---
PLPar112	Turbidity (NTU)	0.5 – 1000.0 NTU	0.1	---
PLPar120	Urea	0.1 – 2.5 mg/l CH ₄ N ₂ O	0.1	L + PP
PLPar150	Urea HR	0.2 – 5.0 mg/l CH ₄ N ₂ O	0.1	L + PP
PLPar62	Zinc	0.00 – 1.00 mg/l Zn ²⁺	0.01	T

*T = Tablets | L = Liquids | P = Powder | PP = Powder Pillow | TT = Tube Tests | O = Other Reagents



Find the latest parameter list under
<https://primelab.org/parameter/list>



PRIMELAB 2.0 – ACCESSORIES

Vials and measuring cups	
Item-Code	Item Description
PLSp-Kv2410-10	Set of 10 x 24 mm (10 ml) round glass vials with lid / light shield integrated in lid
PLSp-Kv1610-10	Set of 10 x 16 mm (10 ml) round glass vials with lid
PLSp-Kv1-100	Set of 100 x 1 ml semi-micro-vials (rectangle)
PLSp-LG-ELF10	Set of 10 x 60 ml measuring cup with red lid
SVZdev100	100 ml plastic measuring cup
PLSp-GlsBot50	50 ml glass-bottle with stopper

Dosing equipment	
Item-Code	Item Description
PLSp-inj1	Graduated Plastic Syringe (10 ml)
SPinj03	Graduated Plastic Syringe (3 ml)
SPinj01	Graduated Plastic Syringe (1 ml)
PLSp-PIP10ml	10 ml pipette (variable volume 1 – 10 ml)
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml)
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette
PLSp-PIP01ml	0.1 ml pipette (variable volume 0.01 – 0.1 ml)
PLSp-PIP01ml-tips10	10 x tips for PLSp-PIP01ml pipette
PL2Sp-Vollpip2ml	2 ml bulb-pipette (glass)
PL2Sp-Vollpip2ml-Ball	Pipetting-ball (Peleus ball) for 2 ml bulb-pipette



Filter utilities	
Item-Code	Item Description
PLSp-InjFil1	Luer lock syringe (20 ml) with threat for filter holder
PLSp-Filtad1	Filter holder for PLSp-InjFil-1 luer lock syringe
PLSp-FiltGFC	25 mm GF/C Filter. Bottle of 50 filter papers
PLSp-Filt45M	25 mm 0.45 µm filter. Bottle of 50 filter papers

Heat block and electronics	
Item-Code	Item Description
PLSp-CODheatblock-T	Heat block for 12 x 16 mm vials. Temp. 70, 100, 120, 148, 150, 160 °C and user defined. Heating times: 30 min, 60 min, 90 min, 120 min; 200 – 240 VAC 50 Hz; Maximum 350 W
PLSp-BltD-1	Bluetooth® USB dongle (to enable Bluetooth® on any Windows computer)
PL2Sp-GSM	5G*-modem (USB Type-C)
PL2Sp-USBa-c	USB-connector (Type-A to Type-C)
PL2Sp-USBhuba	USB-Hub (Type-C and Type-A)
PL2Sp-USBcable	USB-cable (Type-A on one end / Type-C at the other end)
PL2Sp-chargeEU	PrimeLab 2.0 charger with EU plug
PL2Sp-UK/AUS/US	UK/AUS/US plug for PrimeLab 2.0 charger

PRIMELAB 2.0 – ACCESSORIES

Reference standards	
Item-Code	Item Description
PL2Sp-Ref112038-f	Reference standard kit for PrimeLab ID 11 (chlorine by tablet), ID 20 (cyanuric acid) and ID 38 (pH by tablet). 2 standards for ID 11 (~0.5 mg/l and ~2 mg/l), 1 standard for ID 20 (~80 mg/l), 1 standard for ID 38 (pH ~7.00) as well as a ZERO vial. In a box with description. 3 year shelf life.
PL2Sp-Ref122039-f	Reference standard kit for PrimeLab ID 12 (chlorine by liquid), ID 20 (cyanuric acid) and ID 39 (pH by liquid). 2 standards for ID 12 (~0.5 mg/l and ~2 mg/l), 1 standard for ID 20 (~80 mg/l), 1 standard for ID 39 (~7.00 pH) as well as a ZERO vial. In a box with description. 3 year shelf life.
PL2Sp-RefPTSA	3 x Sealed round (24 mm) glass-vial (values: 0 µg/l / 100 µg/l / 400 µg/l)
PLSp-RefFLSC	2 x 100 ml reference standards 100 µg/l Fluorescein, deionized water
PL2Sp-RefTRB	3 x 10 ml reference standards 0.5, 10, 1000 NTU

Stirring rods / cleaning brushes	
Item-Code	Item Description
SPstr10	Set of 10 x 13 cm plastic stirring rods
PLSp-str10	Set of 10 x 10.5 cm plastic stirring rods
SPclb10	Set of 10 x 9.5 cm vial-cleaning brushes



Other Accessories	
Item-Code	Item Description
PL2Sp-Adk16	PrimeLab 2.0 vial adapter for 16 mm glass vials
PLSp-mft-1	Micro fiber cloth 13x13 cm for PrimeLab vials
PL2Sp-CarCase-n	PrimeLab 2.0 Carrying case with foam insert – WITHOUT printing on the carrying case (generic)
PL2Sp-AluCase-Legi	PrimeLab 2.0 Aluminium case / trolley with foam
PLSp-16mmRack	Aluminium test tube rack for holding 12 x 16 mm glass cuvettes



Ask for our large variety of check-standards (coloured epoxy resin) in sealed 24 mm glass vials.

PRIMELAB 2.0

PRE-SET-KITS

COMPLETE PACKAGES INCLUDING
REAGENTS AND ACCESSORIES

PARAMETERS/REAGENTS AND
ACCESSORIES CAN BE ADDED OR
REMOVED AS REQUIRED



DRINKING WATER

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

The Water-i.d.® PrimeLab 2.0 Pre-Set-Kits offers complete solutions which include all reagents and accessories for testing the water according to a special application.

Combining the accuracy of the PrimeLab 2.0 photometer with suitable reagents enable the user to be fully equipped for accurate water testing within the framework of the assigned industry.

Each kit can be extended to more than 140 parameters at any time by ordering an activation code. Below you may find a listing of all kits.



OVERVIEW

Legionella Kit Legionella spp. within 1 hour PrimeLab 2.0	38	Pool PrimeLab 2.0 Kit 1 Pro PrimeLab 2.0	47
COD Kit Chemical Oxygen Demand PrimeLab 2.0	39	Pool PrimeLab 2.0 Kit 2 PrimeLab 2.0	48
Waste Water Kit PrimeLab 2.0	40	Pool PrimeLab 2.0 Kit 2 Pro PrimeLab 2.0	50
Drinking Water Kit PrimeLab 2.0	41	PWT Kit PrimeLab 2.0 Marine	54
Boiler Water Kit PrimeLab 2.0	43	Boiler Water Kit PrimeLab 2.0 Marine	56
Cooling Water Kit PrimeLab 2.0	44	Cooling Water Kit PrimeLab 2.0 Marine	57
Pool PrimeLab 2.0 Kit 1 PrimeLab 2.0	46	SDA Kit PrimeLab 2.0 Marine	58

LEGIONELLA KIT (LEGIONELLA SPP. WITHIN 1 HOUR) PRIMELAB 2.0

Please find more information on Page 68 – 73,
chapter "Legionella Test-Kits."



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Kit	Description	Measurement Range
LGP-10	Basic Kit	Auto-Filtration max. 9 tests*: This Basic Kit is suitable if Legionella tests are carried out irregularly and contains reagents for up to 9 tests.	60 – 10 ⁶ CFU Legionella spp.
LGP-100	Professional Kit	Auto-filtration max 99 tests*: The Professional Legionella Kit is a self-contained, portable laboratory with all accessories to quickly perform up to 19 tests in parallel and contains reagents for up to 99 tests. Suitable for regular testing.	60 – 10 ⁶ CFU Legionella spp.

*No matter if just one or many Legionella tests are performed at a time/ in parallel, only one set of reagents is required to perform a CONTROL/ZERO measurement. By that, a Legipid-kit "10" is good for at least 5 tests (only one test at a time) or a maximum of 9 tests (if 9 tests are performed in parallel). Nevertheless, one LG-MP4-rack (cuvette holder with magnet) can handle up to 3 tests + 1 CONTROL.

"Basic Kit" provides 1 x LG-MP4-rack (max. 3 tests in parallel, "Professional kit" provides 5 x LG-MP4-rack (max. 19 tests in parallel).

COD KIT (CHEMICAL OXYGEN DEMAND) PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

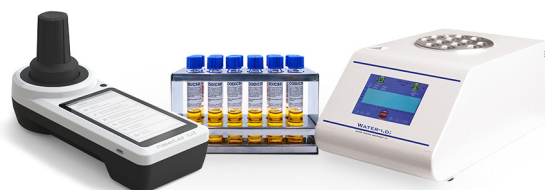
Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar79	COD (LR)	0.0 – 150 mg/l O ₂	prepared vials
PLPar80	COD (MR)	0.0 – 1500 mg/l O ₂	prepared vials
PLPar17	COD (HR)	0.0 – 15000 mg/l O ₂	prepared vials

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-CODheatblock-T	Heat block for 12 x 16 mm vials. Temp. 70, 100, 120, 148, 150, 160 °C and user defined. Heating times: 30 min, 60 min, 90 min, 120 min; 200 – 240 VAC 50 Hz; Maximum 350 W.
PL2Sp-Adk16	PrimeLab 2.0 adapter to use 16 mm glass vials
PLSp-PIP10ml	10 ml pipette (variable volume 1 – 10 ml)
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml)
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette
PLSp-16mmRack	Aluminium test tube rack for holding 12 x 16 mm glass cuvettes

WASTE WATER KIT PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar155	Ammonia (HR)	1.0 – 50.0 mg/l N	prepared vials + powder pillow
PLPar79	COD (LR)	0.0 – 150 mg/l O ₂	prepared vials
PLPar80	COD (MR)	0.0 – 1500 mg/l O ₂	prepared vials
PLPar17	COD (HR)	0.0 – 15000 mg/l O ₂	prepared vials
PLPar169	Nitrate (HR)	1 – 100 mg/l NO ₃ ⁻	powder pillow
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	powder pillow
PLPar152	Nitrogen-Total (HR)	5 – 150 mg/l N	prepared vials + powder pillow
PLPar45	Phosphate (LR)	0.00 – 4.00 mg/l PO ₄ ³⁻	powder + liquid

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-CODheatblock-T	Heat block for 12 x 16 mm vials. Temp. 70, 100, 120, 148, 150, 160 °C and user defined. Heating times: 30 min, 60 min, 90 min, 120 min; 200 – 240 VAC 50 Hz; Maximum 350 W.
PL2Sp-Adk16	PrimeLab 2.0 adapter to use 16 mm glass vials
PLSp-PIP10ml	10 ml pipette (variable volume 1 – 10 ml)
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml)
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette
PLSp-16mmRack	Aluminium test tube rack for holding 12 x 16 mm glass cuvettes

DRINKING WATER KIT PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B-TRB	PrimeLab 2.0 Multitest Photometer: Starter-Kit WITH Turbidity (NTU) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 1 x 1 – 10 ml professional lab pipette with 2 tips 1 x NTU-Turbidity calibration kit. Sealed glass vials with 0.5 / 10 / 1000 NTU *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar121	Alkalinity-M (HR)	0 – 500 mg/l CaCO_3	tablet
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	tablet
PLPar4	Aluminium	0.00 – 0.30 mg/l Al^{3+}	tablet
PLPar7	Boron	0.00 – 2.00 mg/l B^{3+}	tablet
PLPar124	Chloride	0.0 – 100.0 mg/l Cl^-	liquid
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	tablet
PLPar94	Chromium	0.00 – 2.20 mg/l Cr^{3+}	tablet + powder pillow
PLPar107	Colour (Hazen/APHA)	15 – 500 mg/l Pt-Co	---
PLPar18	Copper	0.00 – 5.00 mg/l Cu^{2+}	tablet
PLPar158	Cyanide	0.01 – 0.50 mg/l CN^-	powder + liquid
PLPar180	Fluoride (SPADNS)	0.00 – 2.00 mg/l F^-	liquid

Continued →

DRINKING WATER KIT PRIMELAB 2.0

← Continued

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar56	Hardness-Total LR	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total HR	20 – 500 mg/l CaCO_3	tablet
PLPar28	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+}/3+$	tablet
PLPar31	Manganese	0.20 – 5.00 mg/l Mn^{2+}	powder pillow
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	powder pillow
PLPar38	pH-value (MR)	pH 6.40 – 8.40	tablet
PLPar54	Sulphate	5 – 100 mg/l SO_4^{2-}	powder pillow
PLPar112	Turbidity (NTU)	0.5 – 1000.0 NTU	---
PLPar62	Zinc	0.00 – 1.00 mg/l Zn^{2+}	tablet

Included accessories

Item-Code	Accessories
PLSp-InjFil-1	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1)
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil-1 / to hold 25 mm filter
PLSp-Filt45M	25 mm 0.45 micron filter paper. Can of 50 filter papers
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PL2Sp-Vollpip2ml	2 ml bulb-pipette (glass)
PL2Sp-Vollpip2ml-Ball	Pipetting-ball (Peleus ball) for 2 ml bulb-pipette

BOILER WATER KIT PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	tablet
PLPar124	Chloride	0.0 – 100.0 mg/l Cl^-	liquid
PLPar56	Hardness-Total LR	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total HR	20 – 500 mg/l CaCO_3	tablet
PLPar40	pH-value (LR)	pH 5.20 – 6.80	tablet
PLPar46	Phosphate (HR)	0 – 80 mg/l PO_4^{3-}	tablet + powder pillow

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-InjFil1	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1)
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil1 / to hold 25 mm filter
PLSp-FiltGFC	25 mm GF/C filter paper. Can of 50 filter papers.

COOLING WATER KIT PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar8	Bromine	0.00 – 18.00 mg/l Br_2	tablet
PLPar10	Chloride	0.5 – 25.0 mg/l Cl^-	tablet
PLPar78	Hardness-Calcium	0 – 500 mg/l CaCO_3	tablet
PLPar56	Hardness-Total LR	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total HR	20 – 500 mg/l CaCO_3	tablet
PLPar28	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+/3+}$	tablet
PLPar30	Iron (HR)	0.0 – 20.0 mg/l $\text{Fe}^{2+/3+}$	liquid
PLPar147	Legionella	60 – 10^6 CFU/l	liquid
PLPar134	Molybdate (HR)	0.0 – 40.0 mg/l MoO_4^{2-}	powder pillow
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	powder pillow
PLPar40	pH-value (LR)	pH 5.20 – 6.80	tablet
PLPar41	ph-Universal	pH 5.0 – 11.0	tablet
PLPar110	Phosphate	0.0 – 20.0 mg/l PO_4^{3-}	tablet

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-InjFil1	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1).
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil1 / to hold 25 mm filter.
PLSp-Filt45M	25 mm 0.45 micron filter paper. Can of 50 filter papers.
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml).
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette.
PLSp-FiltGFC	25 mm GF/C filter papers. Plastic can with 50 filter papers.

POOL PRIMELAB 2.0 KIT 1 PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B-Pool1	Pool-PrimeLab 2.0 Multitest Photometer: Starter-Kit (5 parameters activated / no reagents) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 4 x 24 mm/10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x light shield (for 16 mm and 1 ml vials as well as check-standards) 1 x 24 mm vial adapter (built-in; exchangeable) 1 x 10.5 cm stirring rod 1 x 10 ml plastic syringe (graduated) 1 x vial cleaning brush 1 x microfibre cleaning cloth for vials 1 x charger with cable (USB Type-C) 1 x printed user manual in a ring-binder

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	tablet
PLPar12	Chlorine (free-combined-total)	0.00 – 4.00 mg/l Cl_2	liquid
PLPar38	pH-value (MR)	pH 6.40 – 8.40	tablet
PLPar39	pH-value (MR)	pH 6.40 – 8.40	liquid

Can be extended to more than 140 parameters at any time by ordering an activation code.

POOL PRIMELAB 2.0 KIT 1 PRO PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B-Pool1-PRO	PrimeLab 2.0 Multitest Photometer: Starter-Kit (5 parameters activated / no reagents / plus ProbeBOX with pH-electrode) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 4 x 24 mm/10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x light shield (for 16 mm and 1 ml vials as well as check-standards) 1 x 24 mm vial adapter (built-in; exchangeable) 1 x 10.5 cm stirring rod 1 x 10 ml plastic syringe (graduated) 1 x vial cleaning brush 1 x microfibre cleaning cloth for vials 1 x charger with cable (USB Type-C) 1 x printed user manual in a ring-binder PrimeLab 2.0/ProbeBOX 1.0 Electrode-Starter-Kit "pH / Temp." (Plastic-body) Measurement range: pH 0.00 – 14.00 / 0 – 80 °C Automatic Temperature Compensation (ATC) 1 x grey plastic carrying-case with foam insert 1 x "PL2Sp-ElpHPCATC" plastic body pH Electrode 8-Pin-BNC-plug with IC, Cable length = 1 meter 1 x "PL2Sp-PBox" A/D changer-box with BNC-in and USB Type-C-Out (connection to PrimeLab 2.0) 1 x "PL2Sp-PBoxCable" USB cable Type-C / Type-C 1 x "PL2Sp-KCl3mol-10" dropper-bottle with 10 ml KCl-Electrode-soaking-solution 1 x "EMphbuf400-20" 20ml "pH 4.01" calibration-solution (sachet) 1 x "EMphbuf700-20" 20ml "pH 7.00" calibration-solution (sachet) 1 x "EMphbuf1000-20" 20ml "pH 10.01" calibration-solution (sachet) 1 x printed user manual

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	tablet
PLPar12	Chlorine (free-combined-total)	0.00 – 4.00 mg/l Cl_2	liquid
PLPar38	pH-value (MR)	pH 6.40 – 8.40	tablet
PLPar39	pH-value (MR)	pH 6.40 – 8.40	liquid

Can be extended to more than 140 parameters at any time by ordering an activation code.

POOL PRIMELAB 2.0 KIT 2 PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B-Pool2	PrimeLab 2.0 Multitest Photometer: Starter-Kit (35 parameters activated / no reagents) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 10 x 24 mm/10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x light shield (for 16 mm and 1 ml vials as well as check-standards) 1 x 24 mm vial adapter (built-in; exchangeable) 2 x 10.5 cm stirring rod 1 x 10 ml plastic syringe (graduated) 1 x vial cleaning brush 1 x microfibre cleaning cloth for vials 1 x charger with cable (USB Type-C) 1 x printed user manual in a ring-binder

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar1	Active Oxygen (MPS)	0.0 – 40.0 mg/l MPS	tablet
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar4	Aluminium	0.00 – 0.30 mg/l Al^{3+}	tablet
PLPar2	Ammonia (LR)	0.00 – 1.00 mg/l N	powder pillow
PLPar8	Bromine	0.00 – 18.00 mg/l Br_2	tablet
PLPar63	Bromine	0.00 – 9.00 mg/l Br_2	liquid + powder
PLPar95	Chloramines	0.00 – 8.00 mg/l fCl_2 0.00 – 11.60 mg/l NH_2Cl 0.00 – 19.00 mg/l NHCl_2	tablet tablet tablet
PLPar10	Chloride	0.5 – 25.0 mg/l Cl^-	tablet
PLPar124	Chloride	0.0 – 100.0 mg/l Cl^-	liquid
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	tablet
PLPar12	Chlorine (free-combined-total)	0.00 – 4.00 mg/l Cl_2	liquid

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar14	Chlorine (HR)	5 – 200 mg/l Cl_2	powder pillow
PLPar16	Chlorine Dioxide	0.00 – 15.00 mg/l ClO_2	tablet
PLPar64	Chlorine Dioxide	0.00 – 7.60 mg/l ClO_2	liquid
PLPar18	Copper	0.00 – 5.00 mg/l Cu^{2+}	tablet
PLPar20	Cyanuric Acid	0 – 160 mg/l Cya	tablet
PLPar166	Hardness Calcium	0 – 500 mg/l CaCO_3	liquid
PLPar148	Hardness-Total (HR)	0 – 500 mg/l CaCO_3	liquid
PLPar24	Hydrogen Peroxide (LR)	0.00 – 3.80 mg/l H_2O_2	tablet
PLPar162	Hydrogen Peroxide (HR)	0 – 200 mg/l H_2O_2	tablet
PLPar28	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+/3+}$	tablet
PLPar31	Manganese (LR)	0.20 – 5.00 mg/l Mn^{2+}	powder pillow
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	powder pillow
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	powder pillow
PLPar37	Ozone	0.00 – 5.40 mg/l O_3	tablet
PLPar92	Ozone	0.00 – 2.70 mg/l O_3	liquid
PLPar38	pH-value (MR)	pH6.40 – 8.40	tablet
PLPar39	pH-value (MR)	pH6.40 – 8.40	liquid
PLPar43	PHMB	2 – 60 mg/l PHMB	tablet
PLPar44	Phosphate (LR)	0.00 – 4.00 mg/l PO_4^{3-}	tablet + powder pillow
PLPar46	Phosphate (HR)	0 – 80 mg/l PO_4^{3-}	tablet + powder pillow
PLPar48	Potassium	0.7 – 12.0 mg/l K^+	tablet
PLPar54	Sulphate	5 – 100 mg/l SO_4^{2-}	powder pillow
PLPar120	Urea	0.1 – 2.5 mg/l $\text{CH}_4\text{N}_2\text{O}$	liquid + powder pillow
PLPar62	Zinc	0.00 – 1.00 mg/l Zn^{2+}	tablet

Can be extended to more than 140 parameters at any time by ordering an activation code.

POOL PRIMELAB 2.0 KIT 2 PRO PRIMELAB 2.0



Included photometer

Item-Code	Kit
PL02B-Pool1-PRO	PrimeLab 2.0 Multitest Photometer: Starter-Kit (35 parameters activated / no reagents / plus ProbeBOX with pH-electrode) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 10 x 24 mm/10 ml glass-vials with lid (light-shield incorporated into the lid) 1 x light shield (for 16 mm and 1 ml vials as well as check-standards) 1 x 24 mm vial adapter (built-in; exchangeable) 2 x 10.5 cm stirring rod 1 x 10 ml plastic syringe (graduated) 1 x vial cleaning brush 1 x microfibre cleaning brush 1 x charger with cable (USB Type-C) 1 x printed user manual in a ring-binder PrimeLab 2.0/ProbeBOX 1.0 Electrode-Starter-Kit "pH / Temp." (Plastic-body) Measurement range: pH0.00 – 14.00 / 0 – 80 °C Automatic Temperature Compensation (ATC) 1 x grey plastic carrying-case with foam insert 1 x "PL2Sp-ElpHPCATC" plastic body pH-Electrode 8-Pin-BNC-plug with IC, Cable length = 1 meter 1 x "PL2Sp-PBox" A/D changer-box with BNC-in and USB Type-C-Out (connection to PrimeLab 2.0) 1 x "PL2Sp-PBoxCable" USB cable Type-C / Type-C 1 x "PL2Sp-KCl3mol-10" dropper-bottle with 10 ml KCl-Electrode-soaking-solution 1 x "EMphbuf400-20" 20ml "pH 4.01" calibration-solution (sachet) 1 x "EMphbuf700-20" 20ml "pH 7.00" calibration-solution (sachet) 1 x "EMphbuf1000-20" 20ml "pH 10.01" calibration-solution (sachet) 1 x printed user manual

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar1	Active Oxygen (MPS)	0.0 – 40.0mg/l MPS	tablet
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO ₃	tablet
PLPar4	Aluminium	0.00 – 0.30 mg/l Al ³⁺	tablet
PLPar2	Ammonia (LR)	0.00 – 1.00 mg/l N	powder pillow
PLPar8	Bromine	0.00 – 18.00 mg/l Br ₂	tablet
PLPar63	Bromine	0.00 – 9.00 mg/l Br ₂	liquid + powder
PLPar95	Chloramines	0.00 – 8.00 mg/l fCl ₂ 0.00 – 11.60 mg/l NH ₂ Cl 0.00 – 19.00 mg/l NHCl ₂	tablet tablet tablet
PLPar10	Chloride	0.5 – 25.0 mg/l Cl ⁻	tablet
PLPar124	Chloride	0.0 – 100.0 mg/l Cl ⁻	liquid
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl ₂	tablet
PLPar12	Chlorine (free-combined-total)	0.03 – 4.00 mg/l Cl ₂	liquid
PLPar14	Chlorine (HR)	5 – 200 mg/l Cl ₂	powder pillow
PLPar16	Chlorine Dioxide	0.00 – 15.00 mg/l ClO ₂	tablet
PLPar64	Chlorine Dioxide	0.00 – 7.60 mg/l ClO ₂	liquid
PLPar18	Copper	0.00 – 5.00 mg/l Cu ²⁺	tablet
PLPar20	Cyanuric Acid	0 – 160 mg/l Cya	tablet
PLPar166	Hardness Calcium	0 – 500 mg/l CaCO ₃	liquid
PLPar148	Hardness total (HR)	0 – 500 mg/l CaCO ₃	liquid
PLPar24	Hydrogen Peroxide (LR)	0.00 – 3.80 mg/l H ₂ O ₂	tablet
PLPar162	Hydrogen Peroxide (HR)	0 – 200 mg/l H ₂ O ₂	tablet
PLPar28	Iron (LR)	0.00 – 1.00 mg/l Fe ^{2+/3+}	tablet

Can be extended to more than 140 parameters at any time by ordering an activation code.

Continued →

POOL PRIMELAB 2.0 KIT 2 PRO PRIMELAB 2.0

← Continued

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar31	Manganese (LR)	0.20 – 5.00 mg/l Mn^{2+}	powder pillow
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	powder pillow
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l NO_2^-	powder pillow
PLPar37	Ozone	0.00 – 5.40 mg/l O_3	tablet
PLPar92	Ozone	0.00 – 2.70 mg/l O_3	liquid
PLPar38	pH (MR)	pH 6.40 – 8.40	tablet
PLPar39	pH (MR)	pH 6.40 – 8.40	liquid
PLPar43	PHMB	2 – 60 mg/l PHMB	tablet
PLPar44	Phosphate (LR)	0.00 – 4.00 mg/l PO_4^{3-}	tablet + powder pillow
PLPar46	Phosphate (HR)	0 – 80 mg/l PO_4^{3-}	tablet + powder pillow
PLPar48	Potassium	0.7 – 12.0 mg/l K^+	tablet
PLPar54	Sulphate	5 – 100 mg/l SO_4^{2-}	powder pillow
PLPar120	Urea	0.1 – 2.5 mg/l $\text{CH}_4\text{N}_2\text{O}$	tablet + powder pillow
PLPar62	Zinc	0.00 – 1.00 mg/l Zn^{2+}	tablet



PWT KIT PRIMELAB 2.0 MARINE



Included photometer

Item-Code	Kit
PL02B-TRB	PrimeLab 2.0 Multitest Photometer: Starter-Kit WITH Turbidity (NTU) contains: 1 x PrimeLab 2.0 Multitest Photometer 1 x grey plastic carrying-case with foam insert 1 x 1 – 10ml professional lab pipette with 2 tips 1 x NTU-Turbidity calibration kit. Sealed glass vials with 0.5 / 10 / 1000 NTU *Complete accessories and description see on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar121	Alkalinity-M (HR)	0 – 500 mg/l CaCO_3	tablet
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	tablet
PLPar4	Aluminium	0.00 – 0.30 mg/l Al^{3+}	tablet
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	tablet
PLPar107	Colour (Hazen/APHA)	0 – 500.0 mg/l Pt-Co	---
PLPar18	Copper	0.00 – 5.00 mg/l Cu^{2+}	tablet
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	tablet
PLPar28	Iron (LR)	0.00 – 1.00 mg/l $\text{Fe}^{2+/3+}$	tablet
PLPar31	Manganese	0.20 – 5.00 mg/l Mn^{2+}	powder pillow
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	powder pillow
PLPar38	pH-value (MR)	pH 6.40 – 8.40	tablet
PLPar54	Sulphate	5 – 100 mg/l SO_4^{2-}	powder pillow
PLPar62	Zinc	0.00 – 1.00 mg/l Zn^{2+}	tablet

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-InjFill	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1).
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFill / to hold 25 mm filter.
PLSp-Filt45M	25 mm 0.45 micron filter paper. Can of 50 filter papers.
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette.



For more detailed information, please refer to our separate marine catalogue.

BOILER WATER KIT PRIMELAB 2.0 MARINE



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	tablet
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	tablet
PLPar40	pH-value (LR)	pH 5.20 – 6.80	tablet
PLPar46	Phosphate (HR)	0 – 80 mg/l PO_4^{3-}	tablet + powder pillow

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-InjFil1	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1)
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil1 / to hold 25 mm filter
PLSp-FiltGFC	25 mm GF/C filter paper. Pack of 50 filter papers.

For more detailed information, please refer to our separate marine catalogue.

COOLING WATER KIT PRIMELAB 2.0 MARINE



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	tablet
PLPar10	Chloride	0.5 – 25.0 mg/l Cl^-	tablet
PLPar78	Hardness-Calcium	0 – 500 mg/l CaCO_3	tablet
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO_3	tablet
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	tablet
WIDmar HSRAEU	Legionella	60 – 10^6 CFU/l	test panel, external test
PLPar35	Nitrite (LR)	60 – 10^6 CFU/l	powder pillow
PLPar40	pH-value (LR)	pH 5.20 – 6.80	tablet
PLPar41	pH-Universal	pH 5.0 – 11.0	tablet

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-InjFil1	Luer lock syringe (20 ml) with adapter for filter holder (PLSp-Filtad1)
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil1 / to hold 25 mm filter
PLSp-Filt45M	25 mm 0.45 micron filter paper. Can of 50 filter papers.
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml).
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette.

SDA KIT PRIMELAB 2.0 MARINE



Included photometer

Item-Code	Kit
PL02B	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter	Measurement Range	Type of Reagent
PLPar171	Iron-in-Oil	20 – 450 mg/l $\text{Fe}^{2+/3+}$	tablet

For more detailed information, please refer to our separate marine catalogue.



PoolLAB 1.0[®]

PHOTOMETER



WITH TABLETS & LIQUID REAGENTS

13 PARAMETERS

FREE APP, SOFTWARE & CLOUD

3 WAVELENGTHS (530|570|620 NM)

BLUETOOTH[®] EQUIPPED

6 BUTTONS FOR ACCESS

IP68 DUST- AND WATERPROOF

FIXED BUT CHANGEABLE CUVETTE



DRINKING WATER

LABORATORIES

WASTE WATER

POOLS

The PoolLab® 1.0 is the perfect solution for professional water analysis of pools and spas.

The fixed but exchangeable cuvette allows quick sampling by simply dipping the IP68 waterproof PoolLab® into the water.

Six buttons offer users access to the ZERO process (only 1 x required per measurement series) as well as the individual measurement methods: pH, chlorine (free | combined | total), alkalinity (acid capacity), cyanuric acid (stabilizer), active oxygen (MPS), bromine, chlorine dioxide, ozone, hydrogen peroxide, hardness (total, calcium), urea and PHMB.

The PoolLab 1.0® is Bluetooth® equipped and can therefore be connected to the free LabCom® software and app to synchronise test results by account, print reports and even receive dosing recommendations based on individually entered water care products. LSI index calculation is also offered via the software and app. A free cloud service – if desired – ensures that the software and app always work with synchronised data.



Basic Kit:

1 x PoolLab 1.0® with
Bluetooth®, IP68 dust- and waterproof
1 x Transparent plastic case
1 x Light shield
1 x Plastic stirring rod

1 x 10 ml syringe
3 x AAA batteries
1 x Manual
Free access to LABCom®
software, app & cloud



Parameters:

Active Oxygen (MPS)*
Alkalinity (Acid Capacity)
Bromine**
Calcium Hardness*
Chlorine (free | combined | total)

Chlorine Dioxide**
Cyanuric Acid (Stabilizer)
Hydrogen Peroxide*
Ozone**
pH

PHMB*
Total Hardness*
Urea*



In the basic kit included reagents:

20 x Tablets Phenol Red
20 x Tablets DPD N°1
10 x Tablets DPD N°3
10 x Tablets Alkalinity-M
10 x Tablets CYA-Test

All tablets are
Photometer grade



*requires reagents not included in basic kit **requires Glycine reagent tablets if chlorine is present Glycine reagent tablets are not included in the basic kit

PoolLAB 2.0[®]

PHOTOMETER



MEASURES 3 PARAMETERS IN PARALLEL

24 PARAMETERS

FREE APP, SOFTWARE & CLOUD

4 WAVELENGTHS (460|525|590|625 NM)

BLUETOOTH[®] & WIFI EQUIPPED

TABLETS / LIQUIDS / POWDER REAGENTS

IP67 DUST- AND WATERPROOF

FIXED BUT CHANGEABLE CUVETTE



POOLS

DRINKING WATER

WASTE WATER

BOILER WATER

COOLING WATER

FOOD PROCESSING

The PoolLab 2.0® is the perfect solution for professional water analysis of pools and spas.

The fixed but exchangeable triple measurement cuvette allows quick sampling by simply dipping the IP67 waterproof PoolLab 2.0® into the water.

Nine keys give direct access to the ZERO operation (only required 1 x per measurement batch) and to the 24 different pool water parameters. The PoolLab 2.0® has both Bluetooth® and WiFi built-in to either actively connect to the free LabCom® software and app, or to automatically synchronize data with the LabCOM® Cloud.

Test results are always assigned to the sampling points individually created by the user. In the LabCOM® software and app, you can, among other things, print reports, calculate the active chlorine content and even receive dosage recommendations based on individually entered water treatment products. LSI index calculation is also offered via



the software and app. A free cloud service – with which the PoolLab 2.0® can automatically synchronize data via WiFi – ensures that the software and the app always work with the same database.



Basic Kit:

1 x PoolLab 2.0® with WiFi,
Bluetooth®, IP67 dust- and waterproof
1 x Triple measurement cuvette
1 x Light protection cap
3 x Plastic stirring rod
Reagent Starter Pack

1 x 10 ml syringe
3 x AA batteries
1 x Printed user manual
1 x Collecting Bag
Free access to LabCOM®
software, app & cloud



Parameters:

Active Oxygen (MPS)*
Alkalinity-M
Aluminum*
Ammonia*
Bromine**
Calcium Hardness
Chloramines*
Chlorine (fCl | cCl | tCl)
Chlorine HR (KI)*

Chlorine Dioxide**
Copper*
Cyanuric Acid
Hyd. Peroxide (LR)*
Hyd. Peroxide (HR)*
Iron LR*
Nitrate*
Nitrite (LR)
Ozone**

pH
PHMB*
Phosphate (LR)*
Phosphate (HR)*
Potassium**
Sulphate*
Total Hardness*
Urea*
Zinc*



In the basic kit included reagents:

20 x Tablets Phenol Red
20 x Tablets DPD N°1
10 x Tablets DPD N°3
10 x Tablets Alkalinity-M
10 x Tablets CYA-Test

All tablets are
Photometer grade



*requires reagents not included in basic kit **requires Glycine reagent tablets if chlorine is present Glycine reagent tablets are not included in the basic kit

ACCESSOIRES



Included accessories

Item-Code	Description
POL-02BCKcase	PoolLab 2.0® Soft Case for organized storage and transportation
POL2Sp-waterLeveler	Tool for reducing the amount of water in a cuvette to exactly 10 ml.
POL2Sp-kv	Replacement cuvette for the PoolLab 2.0®.
POL2Sp-ls	Replacement light shield for the PoolLab 2.0®.
POL2Sp-cuvhold	Replacement cuvette holder for the PoolLab 2.0®.
POL2Sp-str	White stirring rod to crush tablet and mix liquids and powders. Specific colour to prevent cross cross contamination.
POL2Sp-strB	Red stirring rod to crush tablet and mix liquids and powders. Specific colour to prevent cross cross contamination.
POL2Sp-strR	Red stirring rod to crush tablet and mix liquids and powders. Specific colour to prevent cross cross contamination.
POL2Sp-bag	Nylon bag for storage and transport.
FW-25shaker	Test shaker required for nitrate measurement.
PLSp-InjFill-	Luer lock syringe to take sample water with the ability to screw on a filter paper adapter.
PLSp-Filtadl	Filter paper adapter to hold filter papers and screw to the tip of the luer lock syringe.
PLSp-FiltGFC	Filter papers to filter out-coming water of the syringe.

POOLLAB 2.0[®] REFERENCE KIT



Included photometer

Item-Code	Description
POL2Sp-refkit	The PoolLab 2.0 [®] Reference Kit contains cuvettes filled with coloured resin for pre-defined values of Free Chlorine LR/HR, CYA, pH, Total Alkalinity, Phosphate HR and ZERO. Based on the measurement values of these cuvettes you can adjust your PoolLab 2.0 [®] to match the reference values

Reference Parameters

ID	Parameter	Pre-set value
2	Total Alkalinity	136 ± 14 mg/l CaCO ₃
8	Free Chlorine LR	0.88 ± 0.09 mg/l Cl ₂
8	Free Chlorine HR	2.16 ± 0.23 mg/l Cl ₂
16	Cyanuric Acid	82 ± 5 mg/l CYA
23	pH	pH 7.39 ± 0.10
26	Phosphate HR	46 ± 5 mg/l PO ₄ ³⁻
--	ZERO	0 ± 0

PROBEBOX 1.0 & ELECTRODES

VARIOUS ELECTRODES FOR
ELECTROCHEMICAL MEASUREMENT

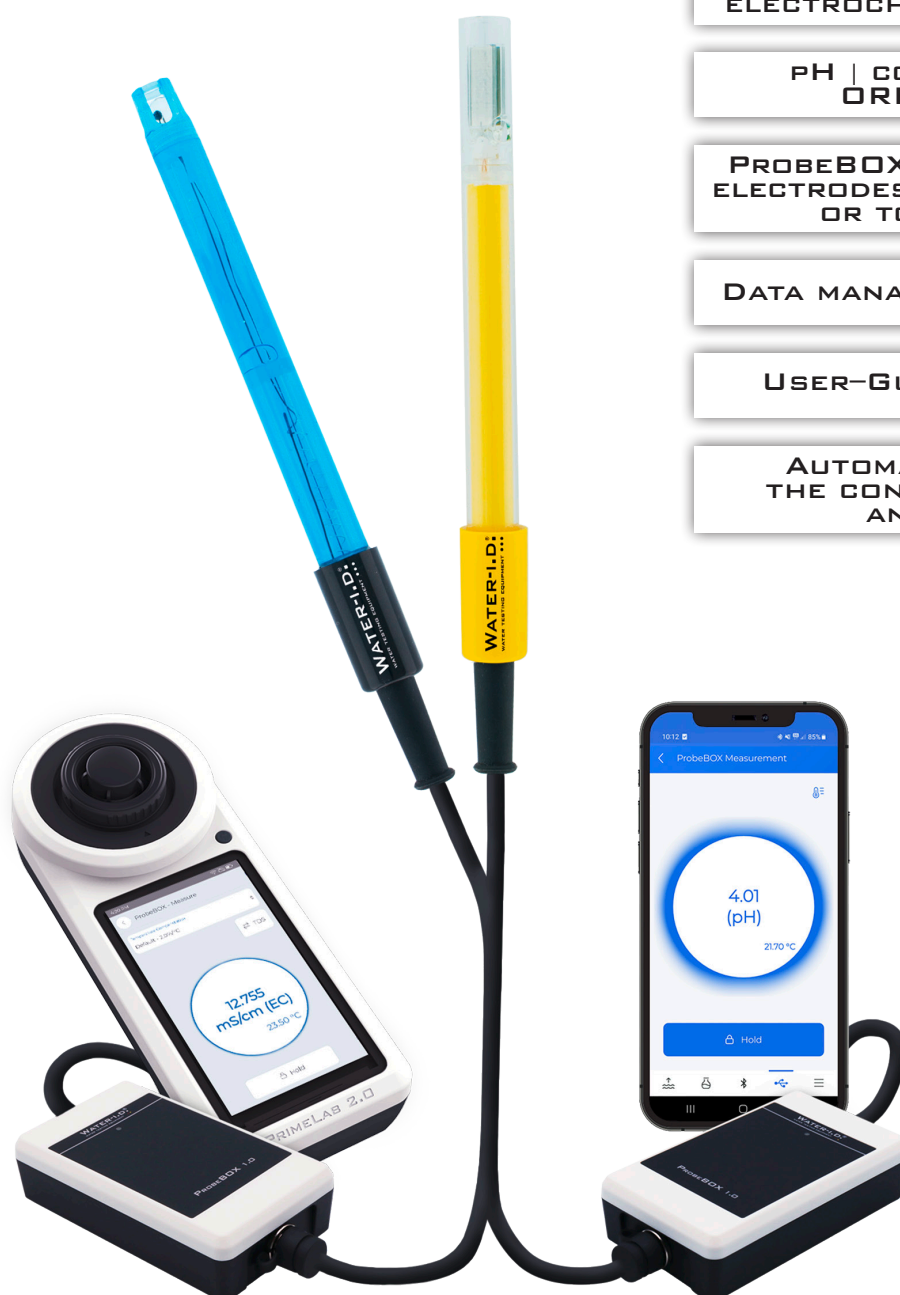
PH | CONDUCTIVITY | TDS
ORP | TEMPERATURE

PROBEBOX 1.0 FOR CONNECTING
ELECTRODES TO THE PRIMELAB 2.0
OR TO A SMARTPHONE

DATA MANAGEMENT VIA LABCOM®

USER-GUIDED CALIBRATIONS

AUTOMATIC DETECTION OF
THE CONNECTED PROBEBOX
AND ELECTRODE



DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

With the ProbeBOX 1.0 you can convert your PrimeLab 2.0 or your (Android) smartphone into a benchtop meter and enter the world of electrochemistry.

The ProbeBOX 1.0 can be connected to the PrimeLab 2.0 or an Android smartphone via a USB cable. The PrimeLab 2.0 and the free LabCOM® app for your Android smartphone immediately recognise the ProbeBOX 1.0 and the connected electrode so that either calibration (mandatory up to 3-point with PrimeLab 2.0 / optional up to 2-point on a smartphone) or direct measurement is possible.

Both the PrimeLab 2.0 and the LabCOM® app save the measurement results in relation to the measurement source and, if required, make them available online in real time via the LabCOM® Cloud so that the data can also be accessed via the LabCOM® software or the LabCOM website.

The ProbeBOX 1.0 connects high-quality electrodes for measuring pH, ORP, conductivity, TDS and temperature.



OVERVIEW

Electrode-Kits pH, ORP, EC	68
Electrodes Overview	76
Accessories	78
Calibration Solutions	79

PROBEBOX 1.0 ELECTRODE-BASIC-KIT "PH"

Parameter: pH
Measurement Range: pH 0.00 – 14.00
Resolution: 0.01
Temperature Range: 0 – 80 °C ATC



Included content

Item-Code	Kit
PL2Sp-ElpHPCATC-Kit	1 x Grey carrying case with foam insert 1 x „PL2Sp-ElpHPCATC“ Plastic Body pH Electrode. Designed for general water solutions' pH measurement in scientific research, environmental monitoring, and quality control. Ideal for both lab and in-field use. (Not suitable for solutions with pH > 12, corrosive solutions, or constant testing at temperatures of > 60 °C). Non refillable. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect pH-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution.

Included calibration solutions

Item-Code	Kit
EMphbuf20-400	1 x 20 ml „pH 4.00“ calibration solution
EMphbuf20-700	1 x 20 ml „pH 7.00“ calibration solution
EMphbuf20-1000	1 x 20 ml „pH 10.00“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-BASIC-KIT "PH-GLASS ELECTRODE"

Parameter: pH
Measurement Range: pH 0.00 – 14.00
Resolution: 0.01
Temperature Range: 0 – 80 °C ATC

Included content

Item-Code	Kit
PL2Sp-ElpHGLATC-Kit	1 x Grey carrying case with foam insert 1 x „PL2Sp-ElpHGLATC“ Routine Sealed Glass Body pH-Electrode. Designed for general water solutions' pH measurement in scientific research, environmental monitoring, and quality control. Ideal for both lab and in-field use. (Not suitable for solutions pH > 12, corrosive solutions, or constant testing at temperatures > 60 °C). Non refillable. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect pH-probe with PrimeLab 2.0 Photometer or (Android) Smartphone 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution

Included calibration solutions

Item-Code	Kit
EMphbuf20-400	1 x 20 ml „pH 4.00“ calibration solution
EMphbuf20-700	1 x 20 ml „pH 7.00“ calibration solution
EMphbuf20-1000	1 x 20 ml „pH 10.00“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-KIT "REFILLABLE PH-GLASS ELECTRODE"

Parameter: pH
Measurement Range: pH 0.00 – 14.00
Resolution: 0.01
Temperature Range: 5 – 100 °C ATC

Included content

Item-Code	Kit
PL2Sp-ElpHGLrefATC-Kit	1 x Grey carrying case with foam insert 1 x „PL2Sp-ElpHGLrefATC“ Refillable Glass pH-Electrode. Designed for general water solutions, TRIS Buffer compatible. Suitable applications: hydroponics, pools and spas, environmental monitoring, aquaculture, aquariums, education, general purpose labtest, body fluid, Tris Buffer, beverage, wine, beer, salt water, high temperature solutions (up to 100 °C). 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect pH-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution.

Included calibration solutions

Item-Code	Kit
EMphbuf20-400	1 x 20 ml „pH 4.00“ calibration solution
EMphbuf20-700	1 x 20 ml „pH 7.00“ calibration solution
EMphbuf20-1000	1 x 20 ml „pH 10.00“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-BASIC-KIT "ORP"

Parameter: ORP
Measurement Range: ± 2000 mV
Resolution: 1 mV
Temperature Range: 0 – 80 °C

Included content

Item-Code	Kit
PL2Sp-EIORPPCATC-Kit	1 x Grey carrying case with foam insert 1 x „PL2Sp-EIORPPCATC“ Plastic Body ORP Electrode for faster respond. The gel inner reference solution does not need to be refilled. This electrode is designed for testing in general water solutions both in-lab or in-field. Comes with Φ 3*0.8 mm platinum disc. Non refillable. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect ORP-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution.

Included calibration solutions

Item-Code	Kit
EMorpbu20-220	1 x 20 ml „ORP 220+ mV“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-BASIC-KIT "EC"

Parameter:	EC/TDS
Measurement Range:	0 – 200 mS/cm; 0 – 100 g/l (0 – 100 ppt)*
Resolution:	1 μ S/cm
Temperature Range:	0 – 50 °C ATC

*If the TDS conversion factor is set to the default value of 0.5

Included content

Item-Code	Kit
PL2Sp-EIECLRPCATC-Kit	1 x Grey carrying case with foam insert. 1 x „PL2Sp-EIECLRPCATC“ Plastic Body – Conductivity Electrode. Designed for high-accuracy in a wide range of conductivity measurements (200 – 0 mS/cm) (K = 1.0). 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect EC-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution

Included calibration solutions

Item-Code	Kit
EMecbuf50-1118	1 x 50 ml „EC 111.8 mS/cm“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-KIT "PURIFIED WATER EC PROBE"

Parameter: EC/TDS
Measurement Range: 0 – 200 $\mu\text{S}/\text{cm}$;
 0 – 100 mg/l (0 – 100 ppm)*
Resolution: 1 $\mu\text{S}/\text{cm}$

*If the TDS conversion factor is set to the default value of 0.5

Included content

Item-Code	Kit
PL2Sp-EIECLRGL-Kit	1 x Grey carrying case with foam insert. 1 x „PL2Sp-EIECLRGL“ Glass Body – Pure Water Conductivity Electrode. Conductivity Electrode ($K = 0.1$) is designed for purified water and ultra-pure water conductivity measurements. Electrode size: 18×7 mm platinum. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect EC-probe with PrimeLab 2.0 Photometer or (Android) Smartphone . 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution

Included calibration solutions

Item-Code	Kit
EMecbuf250-84	1 x 250 ml „EC 84 $\mu\text{S}/\text{cm}$ “ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-KIT "GLASS EC PROBE"

Parameter: EC/TDS
Measurement Range: 0 – 200 mS/cm;
 0 – 100 g/l (0 – 100 ppt)*
Resolution: 1 μ S/cm
Temperature Range: 0 – 50 °C ATC

*If the TDS conversion factor is set to the default value of 0.5

Included content

Item-Code	Kit
PL2Sp-EIECHRGLATC-Kit	1 x Grey carrying case with foam insert. 1 x „PL2Sp-EIECHRGLATC“ Glass Body – Conductivity-Electrode (K = 1.0). Designed for high-accuracy laboratory conductivity measurements. Its cavity structure and platinum chip sensor design enhance the accuracy and stability of conductivity measurement in the range of 0 to 200 mS/cm. The glass body is resistant to all kinds of general chemical corrosion. Electrode size: 7*5 mm platinum plate/ 2 pole. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB-Type-C-OUT to connect EC-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution.

Included calibration solutions

Item-Code	Kit
EMecbuf50-1118	1 x 50 ml „EC 111.8 mS/cm“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type-C
--	1 x User manual

PROBEBOX 1.0 ELECTRODE-KIT "HIGH RANGE EC PROBE"

Parameter:	EC/TDS
Measurement Range:	20 – 2000 mS/cm; 10 – 1000 g/l (10 – 1000 ppt)*
Resolution:	1 μ S/cm
Temperature Range:	0 – 50 °C ATC

*If the TDS conversion factor is set to the default value of 0.5

Included content

Item-Code	Kit
PL2Sp-EIECHRPCATC-Kit	1 x Grey carrying case with foam insert. 1 x „PL2Sp-EIECHRPCATC“ Plastic Body – Conductivity Electrode. Designed for high-range (K = 10) conductivity measurement. Electrode size: 5*5 mm platinum ring/ 2 pole. 1 x „PL2Sp-Pbox“ A/D-switch-box with BNC-IN and USB Type-C-OUT to connect EC-probe with PrimeLab 2.0 Photometer or (Android) Smartphone. 1 x „PL2Sp-KCl3mol10-“ dropper bottle with 10 ml KCl-electrode soaking solution.

Included calibration solutions

Item-Code	Kit
EMecbuf50-212	1 x 50 ml „EC 212 mS/cm“ calibration solution

Included accessories

Item-Code	Kit
PL2Sp-PboxCable	1 x USB cable for ProbeBOX. 1 meter. Type-C / Type
--	1 x User manual

ELECTRODES OVERVIEW

Item-Code	Parameter	Description
PL2Sp-ElpHPCATC	pH	Plastic Body pH Electrode. Designed for general water solutions' pH measurement in scientific research, environmental monitoring, and quality control. Ideal for both lab and in-field use (Not suitable for solution with pH > 12, corrosive solutions, or constant testing at temperatures of > 60 °C). Non refillable.
PL2Sp-ElpHGLrefATC	pH	Routine Sealed Glass Body pH Electrode Designed for general water solutions' pH measurement in scientific research, environmental monitoring, and quality control. Ideal for both lab and in-field use (Not suitable for solution with pH > 12, corrosive solutions, or constant testing at temperatures of > 60 °C). Non refillable.
PL2Sp-ElpHGLrefATC	pH	Refillable Glass pH Electrode. Designed for general water solutions, TRIS Buffer compatible. Suitable applications: hydroponics, pools and spas, environmental monitoring, aquaculture, aquariums, education, general purpose lab test, body fluid, Tris Buffer, beverage, wine, beer, salt water, high temperature solutions (up to 100 °C).
PL2Sp-ElORPPCATC	ORP	Plastic Body ORP Electrode for faster respond. The gel inner reference solution does not need to be refilled. This electrode is designed for testing in general water solutions both in-lab or in-field. Comes with Φ 3*0.8 mm platinum disc. No temperature reading!
PL2Sp-ElECLRGL	EC	Glass Body – Pure Water Conductivity Electrode. Conductivity Electrode (K = 0.1) is designed for purified water and ultra-pure water conductivity measurements. Electrode size: 18*7 mm platinum.
PL2Sp-ElECHRGLATC	EC	Glass Body – Conductivity Electrode (K=1.0). Designed for high-accuracy laboratory conductivity measurements. Its cavity structure and platinum chip sensor design enhance the accuracy and stability of conductivity measurement in the range of 0 to 200 mS/cm. The glass body is resistant to all kinds of general chemical corrosion. Electrode size: 7*5 mm platinum plate/ 2 pole.
PL2Sp-ElECLRPCATC	EC	Plastic Body – Conductivity Electrode. Designed for high accuracy in a wide range of conductivity measurements (0 to 200 mS/cm). (K = 1.0).
PL2Sp-ElECHRPCATC	EC	Plastic Body – Conductivity Electrode. Designed for high-range (K = 10) conductivity measurement. Electrode size: 5*5 mm platinum ring/ 2 pole.

*If the TDS conversion factor in the PrimeLab 2.0 is set to the default value of 0.5

	Temp. Range	Range	Resolution
	80 – 0 °C ATC	pH 14 – 0	0.01
	80 – 0 °C ATC	pH 14 – 0	0.01
	100 – 5 °C ATC	pH 14 – 0	0.01
	80 – 0 °C	2000± mV	1 mV
	--	200 ~ 0 µS/cm 100 – 0 mg/l (100 – 0 ppm)*	1 µS/cm
	50 – 0 °C ATC	200 – 0 mS/cm 100 – 0 mg/l (100 – 0 ppm)*	1 µS/cm
	50 – 0 °C ATC	200 – 0 mS/cm 100 – 0 g/l (100 – 0 ppt)*	1 µS/cm
	50 – 0 °C ATC	2000 – 20 mS/cm 1000 – 10 g/l (1000 – 10 ppt)*	1 µS/cm



ACCESSORIES

ProbeBOX 1.0 Accessories

Item-Code	Item Description
PL2Sp-Pbox	ProbeBOX 1.0 (Probe Connector) A/D-switch-box with BNC-IN and USB Type-C-OUT to connect all electronic probes to the PrimeLab 2.0 or a (Android) Smartphone. Included in all kits.
PL2Sp-PboxCable	USB cable for the ProbeBOX 1.0 1 meter. Type-C / Type-C.



Probe Accessories

Item-Code	Item Description
PL2Sp-Probe-Holder	PrimeLab 2.0 Electrode-holder For 3 electrodes (16 mm), with cable duct. Additional opening for temperature sensor. Three joints for high flexibility and adjustment options.
PL2Sp-Probe-Stirrer	PrimeLab 2.0 magnetic-stirrer For stirring quantities up to 1 liter. Variable speed from 2500 – 0 rpm. White top plate suitable for observing colour reactions. 220/110 V power supply with plugs for EU/CH/UK/USA.



Electrolyte-Solutions

Item-Code	Item Description
EMKCL3Mbuf500-	Electrolyte-Solution „KCl 3 mol/l“, 500 ml bottle
EMKCL3Mbuf1000-	Electrolyte-Solution „KCl 3 mol/l“, 1000 ml bottle
EMKCL3Mbuf10000-	Electrolyte-Solution „KCl 3 mol/l“, 10 liter cubitainer

CALIBRATION SOLUTIONS

Item-Code	Item Description	20 ml	50 ml	100 ml	250 ml	500 ml	1 l	3 l	10 l
EMpHbuf168	„pH 1.68“ calibration solution		•	•	•	•	•	•	•
EMpHbuf200	„pH 2.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf300	„pH 3.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf400	„pH 4.00“ calibration solution	•	•	•	•	•	•	•	•
EMpHbuf600	„pH 6.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf700	„pH 7.00“ calibration solution	•	•	•	•	•	•	•	•
EMpHbuf800	„pH 8.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf900	„pH 9.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf1000	„pH 10.00“ calibration solution	•	•	•	•	•	•	•	•
EMpHbuf1100	„pH 11.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf1200	„pH 12.00“ calibration solution		•	•	•	•	•	•	•
EMpHbuf1300	„pH 13.00“ calibration solution		•	•	•	•	•	•	•
EMorpbuf220	„±220mV“ calibration solution				•				
EMorpbuf468	„±468mV“ calibration solution	•	•	•	•	•	•	•	•
EMecbuf15	„EC 15 µS/cm“ calibration solution				•				
EMecbuf84	„EC 84 µS/cm“ calibration solution				•				
EMecbuf147	„EC 147 µS/cm“ calibration solution				•				
EMecbuf1413	„EC 1413 µS/cm“ calibration solution	•	•	•	•	•	•	•	•
EMecbuf1288	„12.88 mS/cm“ (KCl 0.1 mol/l) cal. sol.	•	•	•	•	•	•	•	•
EMecbuf500	„50 mS/cm“ (KCl 0.1 mol/l) cal. sol.		•	•	•	•	•	•	•
EMecbuf1118	„111.8 mS/cm“ (KCl 0.1 mol/l) cal. sol.		•	•	•	•	•	•	•
EMecbuf2120	„212 mS/cm“ (KCl 0.1 mol/l) cal. sol.		•	•	•	•	•	•	•

*The item-code varies, depending on the volume (e.g. 20 ml of pH 7.00 calibration solution = EMpHbuf700-20)

Item-Code	Item Description
EMECbuf25-20-1288GEN	25 Pack: 20 ml sachet EC-calibration-solution 12.88 mS/cm
EMECbuf25-20-1288WID	25 Pack (Water-i.d.® display): EC-calibration-solution 12.88 mS/cm. Sachet with 20 ml
EMORPbuf25-20-468WID	25 Pack (Water-i.d.® display): ORP (Redox)-calibration-solution 468+ mV. Sachet with 20 ml
EMpHbuf25-20-400WID	25 Pack (Water-i.d.® display): pH-calibration-solution 0.02 ± 4.00). Sachet with 20 ml
EMpHbuf25-20-700WID	25 Pack (Water-i.d.® display): pH-calibration-solution 0.02 ± 7.00). Sachet with 20 ml
EMpHbuf25-20-1000WID	25 Pack (Water-i.d.® display): pH-calibration-solution 0.03 ± 10.01). Sachet with 20 ml
EMtdsbuf25-20-1382WID	25 Pack (Water-i.d.® display): TDS-calibration-solution 1382 ppm. Sachet with 20 ml
EMtdsbuf25-20-644WID	25 Pack (Water-i.d.® display): TDS-calibration-solution 6.44 ppt. Sachet with 20 ml
EMecbuf25-20-1413WID	25 Pack (Water-i.d.® display): EC-calibration-solution 1413 µS/cm. Sachet with 20 ml



COMPARATOR

RELIABLE WATER TESTING
EQUIPMENT

ONE TEST AND ONE BLANK CUVETTE

PRECISE ONGOING COLOUR SCALE
(COLOUR DISC)

RAPID DISSOLVING WATER-I.D.[®]
TABLET REAGENTS

MORE THAN 40 DIFFERENT
PARAMETER | METHODS | DISCS
AVAILABLE



DRINKING WATER

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

Water-i.d.® comparators provide you with access to rapid method water analysis.

While comparators are visual measurement devices, the arrangement of the measured colour to the scale – and the determination of the measurement value – is much more precise with comparators because the measurement is compared to a rotating, ongoing colour scale (colour disc).

There are no measurement results “between” individual colour scales. Ergonomic design and high quality materials also simplify measurements. So far, 33 different parameters can be tested with the same basic model. Just a different disc and reagents (tablets, liquids or powders, depending on the parameter) to extend your Comparator-Kit.

Each Water-i.d.® Comparator-Kit comes in a grey plastic case with foam insert, including a basic Comparator device, at least 2 x square 10 ml plastic cuvettes, a stirring rod, a cleaning brush and reagents (tablets, liquids or powders, depending on the parameter) to perform at least 30 tests.



Active Oxygen (MPS)	0.0 – 20.0	mg/l MPS
Alkalinity	0 – 200	mg/l CaCO ₃
Aluminium	0.00 – 0.30	mg/l Al ³⁺
Ammonia	0.00 – 1.00	mg/l N
Bromine	0.0 – 10.0	mg/l Br ₂
Calcium Hardness	0 – 500	mg/l CaCO ₃
Carbohydrazide	0.00 – 0.65	mg/l CH ₆ N ₄ O
Chloride	0 – 40	mg/l Cl ⁻
Chlorine LR	0.00 – 1.00	mg/l Cl ₂
Chlorine HR	0.0 – 5.0	mg/l Cl ₂
Chlorine VHR	10 – 300	mg/l Cl ₂
Chlorine Dioxide LR	0.00 – 1.90	mg/l ClO ₂
Chlorine Dioxide HR	0.00 – 6.65	mg/l ClO ₂
Copper	0.0 – 5.0	mg/l Cu ²⁺
Copper/Zinc LR	0.0 – 1.0	mg/l Cu ²⁺ /Zn ²⁺
Copper/Zinc HR	0.00 – 5.00	mg/l Cu ²⁺ /Zn ²⁺
Colour (Hazen Apha)	15 – 500	mg/l Pt-Co
Cyanuric Acid	10 – 80	mg/l Cya
DEHA	0.00 – 0.50	mg/l DEHA
Fluoride	0.0 – 2.0	mg/l F ⁻
Hydrogen Peroxide	5 – 50	mg/l H ₂ O ₂

Iron LR	0.05 – 1.00	mg/l Fe ^{2+/3+}
Iron HR	1.0 – 10.0	mg/l Fe ^{2+/3+}
Magnesium	0 – 100	mg/l Mg ²⁺
Manganese	0.00 – 5.00	mg/l Mn ²⁺
Nitrate MR	0 – 10	mg/l N
Nitrate HR	1 – 100	mg/l NO ₃ ⁻
Nitrite LR	0.0 – 0.5	mg/l N
Ozone	0.0 – 3.4	mg/l O ₃
pH 6.5 – 8.4	pH 6.5 – 8.4	
pH 4 – 10	pH 4.0 – 10.0	
PHMB	10 – 100	mg/l PHMB
Phosphate LR	0.00 – 4.00	mg/l PO ₄ ³⁻
Phosphate HR	0 – 80	mg/l PO ₄ ³⁻
Potassium	0.8 – 12.0	mg/l K ⁺
QAC HR	0 – 200	mg/l QAC
Silica LR	0.00 – 5.00	mg/l SiO ₂
Silica HR	0 – 100	mg/l SiO ₂
Sodium-Hypochlorite	2 – 18	% NaOCl
Sulphate	0 – 100	mg/l SO ₄ ²⁻
Sulphide	0.00 – 0.50	mg/l S ²⁻
Total Hardness	0 – 500	mg/l CaCO ₃

FLEXI-TESTER[®]

RAPID DISSOLVING WATER-I.D.[®]
TABLET REAGENTS

ONGOING COLOUR SCALE ON A
PARAMETER-STICK

CONVENIENT BOX FOR TRANSPORT
AND STORAGE



DRINKING WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

Water-i.d.® FlexiTester® provides you with access to rapid method water analysis.

FlexiTesters® are – like the Comparator – also visual measurement devices. The arrangement of the resulting colour to the scale and thus the determination of the measured value is very precise with FlexiTesters®. That is due to comparing the measurement to an ongoing colourscale on a parameter-stick.

There are no measurement results “between” individual colour scales. Ergonomic design and high quality materials also simplify measurements. So far, 33 different parameter-methods can be tested with the same basic model. Just a different parameter-stick and reagents are needed to extend your FlexiTester®-Kit.



Active Oxygen (MPS)	0 – 20	mg/l MPS
Alkalinity	0 – 250	mg/l CaCO ₃
Aluminium	0.00 – 0.30	mg/l Al ³⁺
Ammonia	0.00 – 1.00	mg/l N
Bromine	0.0 – 10.0	mg/l Br ₂
Calcium Hardness	0 – 500	mg/l CaCO ₃
Carbohydrazide	0.00 – 0.65	mg/l CH ₆ N ₄ O
Chloride	0 – 40	mg/l Cl ⁻
Chlorine LR	0.00 – 1.00	mg/l Cl ₂
Chlorine HR	0.0 – 5.0	mg/l Cl ₂
Chlorine VHR	10 – 300	mg/l Cl ₂
Chlorine Dioxide LR	0.00 – 1.90	mg/l ClO ₂
Chlorine Dioxide HR	0.00 – 6.65	mg/l ClO ₂
Copper	0.0 – 5.0	mg/l Cu ²⁺
Copper/Zinc LR	0.0 – 1.0	mg/l Cu ²⁺ /Zn ²⁺
Copper/Zinc HR	0.00 – 5.00	mg/l Cu ²⁺ /Zn ²⁺
Colour (Hazen Apha)	15 – 500	mg/l Pt-Co
Cyanuric Acid	20 – 80	mg/l Cy
DEHA	0.00 – 0.50	mg/l DEHA
Fluoride	0.0 – 2.0	mg/l F ⁻
Hydrogen Peroxide	5 – 50	mg/l H ₂ O ₂
Iron LR	0.05 – 1.00	mg/l Fe ^{2+/3+}

Iron HR	1.0 – 10.0	mg/l Fe ^{2+/3+}
Magnesium	0 – 100	mg/l Mg ²⁺
Manganese	0.00 – 5.00	mg/l Mn ²⁺
Molybdate HR	0 – 100	mg/l MoO ₄ ²⁻
Molybdate VHR	0 – 500	mg/l MoO ₄ ²⁻
Nitrate HR	1 – 100	mg/l NO ₃ ⁻
Nitrite LR	0.00 – 0.50	mg/l N
Ozone	0.00 – 3.40	mg/l O ₃
pH 6.5 – 8.4	pH 6.5 – 8.4	
pH 4 – 10	pH 4.0 – 10.0	
PHMB	10 – 100	mg/l PHMB
Phosphate LR	0.00 – 4.00	mg/l PO ₄ ³⁻
Phosphate HR	0 – 80	mg/l PO ₄ ³⁻
Potassium	0 – 12	mg/l K ⁺
QAC HR	0 – 200	mg/l QAC
Silica LR	0.00 – 5.00	mg/l SiO ₂
Silica HR	0 – 100	mg/l SiO ₂
Sodium-Hypochloride	2 – 18	% NaOCl
Sulphate	0 – 100	mg/l SO ₄ ²⁻
Sulphide	0.04 – 0.50	mg/l S ²⁻
Total Hardness	0 – 500	mg/l CaCO ₃
Zinc	0.0 – 1.0	mg/l Zn ²⁺

MINI-KITS

SIMPLE DOSING REAGENTS

VARIOUS PARAMETERS AND KITS

TABLET COUNT METHOD (TITRATION)

YES | NO METHOD

TURBIDITY METHOD



WATER-I.D.®



DRINKING WATER

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

Water-i.d.® Mini-Kits provide tablet count titration for the most easy way of measuring parameters.

Some Water-i.d.® Mini Kits are based on the tablet counting method, in which tablets are added to the water until the colour changes in a defined way. The amount of added tablets is entered into a formula to determine the measured value. The innovative Water-i.d.® tablet push-through blisters simplify the procedure.

In the turbidity method, the water sample becomes turbid after the reagent is added. The intensity of the turbidity determines the value. In the yes/no test method, a distinction is made between 2 different colours. Depending on which colour develops, the parameter is present in the sample or not. All the titration and turbidity methods and the yes/no test are simple and proven measuring methods for determining water values.

Each Water-i.d.® Mini Kit is supplied in a gray plastic case with foam insert, at least 1 x 100 ml plastic beaker with measuring and dilution scale, stirring rod, cleaning brush and – parameter dependent – 100 reagent tablets. The measuring range can be easily extended by diluting the water sample.



Item-Code	Parameter	Measurement Range	Tablet Count	Turbidity	Yes/No
SVZ500	Alkalinity-M	10 – 500 mg/l CaCO ₃	•		
SVZ500	Alkalinity-P	20 – 500 mg/l CaCO ₃	•		
SVZ500	Alkalinity-P (./ BaCl ₂)	20 – 500 mg/l CaCO ₃	•		
SVZ500	Cyanuric Acid	20 – 200 mg/l Cya		•	
SVZ500	Calcium Hardness	10 – 500 mg/l CaCO ₃	•		
SVJ1400	(Total) Hardness yes-no	4 8 20mg/l CaCO ₃			•
SVZ1400	Total Hardness HR	10 – 500 mg/l CaCO ₃	•		
SVZ1400	Total Hardness LR	1 – 50 mg/l CaCO ₃	•		
SVZ1600	Chloride Sodium Chloride	0 – 5000 mg/l Cl ⁻ 0 – 8000 mg/l NaCl	•		
SVZ1600	Nitrite	70 – 2800 mg/l NaNO ₂	•		
SVZ1800	Sulphite (LR)	2 – 50 mg/l Na ₂ SO ₃	•		
SVZ1850	Sulphite (HR)	10 – 500 mg/l Na ₂ SO ₃	•		
SVZ2700	Cleaning Acid Strength	0.75 – 10.00 % Acid	•		
SVS2800	Permanganate Value*	PV 0 → 30		•	
SVZ3700	Phosphonate	0 – 20 mg/l Phosph	•		
SVT4000	Turbidity and Susp. Solids	5 – 500 JTU		•	

*BOD Sewage 0 → 150 | BOD Effluent 0 → 45 | COD Sewage 0 → 300 | COD Effluent 0 → 210 | TOC Sewage 0 → 90 | TOC Effluent 0 → 6

BALANCED WATER KITS

PERFECTLY MATCHING
COMBINATION OF THE COMPARATOR
METHOD AND MINI-KITS

COMPARATOR METHOD

TABLET COUNT METHOD

TURBIDITY METHOD



WATER-I.D.®



MARINE

BOILER WATER

COOLING WATER

POOLS

Water-i.d.® Balanced Water Kits covering many important water parameters in one kit.

They are a perfect matching combination of the Comparator method and Mini-Kits, such as the tablet count method and the turbidity method.

Water-i.d.® offers kit combinations such as:

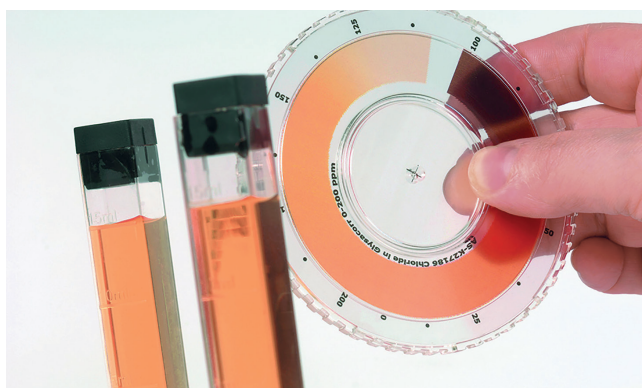
Comparator: pH, Chlorine (free | combined | total)

Tablet count: Total Alkalinity, Calcium Hardness

Turbidity: Cyanuric Acid

Each Water-i.d.® Balanced Water Kit is supplied in a grey plastic case with foam insert, 1 x Comparator device, 2 x Comparator cells, 2 x 100 ml plastic cans for mixing and dilution, stirring rod, cleaning brush, 10 ml syringe (BWK145-11 only).

Also reagents for at least 30 tests pH, chlorine or bromine and 100 tablets each for the counting method and turbidity method (Alkalinity, Calcium Hardness, Cyanuric Acid) are included.



Item-Code	Product Description	Measurement Range
BWK145	Balanced Water Kit: - pH (Comparator Method) - Chlorine (free combined total) (Comparator Method) - Total Alkalinity (Tablet Count Method) - Calcium Hardness (Tablet Count Method)	pH 6.5 – 8.4 0.0 – 5.0 mg/l Cl_2 10 – 500 mg/l CaCO_3 10 – 500 mg/l CaCO_3
BWK145-11	Balanced Water Kit: - pH (Comparator Method) - Chlorine (free combined total) (Comparator Method) - Total Alkalinity (Tablet Count Method) - Calcium Hardness (Tablet Count Method) - Cyanuric Acid (Turbidity Method)	pH 6.5 – 8.4 0.0 – 5.0 mg/l Cl_2 10 – 500 mg/l CaCO_3 10 – 500 mg/l CaCO_3 10 – 80 mg/l Cya
BWK845	Balanced Water Kit: - pH (Comparator Method) - Bromine (total) (Comparator Method) - Total Alkalinity (Tablet Count Method) - Calcium Hardness (Tablet Count Method)	pH 6.5 – 8.4 0.0 – 10.0 mg/l Br_2 10 – 500 mg/l CaCO_3 10 – 500 mg/l CaCO_3
BWK845-11	Balanced Water Kit: - pH (Comparator Method) - Bromine (total) (Comparator Method) - Total Alkalinity (Tablet Count Method) - Calcium Hardness (Tablet Count Method) - Cyanuric Acid (Turbidity Method)	pH 6.5 – 8.4 0.0 – 10.0 mg/l Br_2 10 – 500 mg/l CaCO_3 10 – 500 mg/l CaCO_3 10 – 80 mg/l Cya

DIPSLIDES AND INCUBATORS



RELIABLE BACTERIAL TESTS

LIQUID AND SURFACE TESTING

FLEXIBLE PADDLE



WATER-I.D.



BactEDT057
Incubator for 2 dipslides



BactEDT055
Incubator for 8 dipslides

See page 88 for the
PrimeLab 1-hour Legionella test-kit.



BactEDT093
Incubator for 45 dipslides



BactEDT052
Incubator for 20 dipslides



BactEDT059
Incubator for 10 dipslides

DRINKING WATER

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

FOOD PROCESSING

A dipslide is a method of testing the microbial content of liquids or surfaces. It consists of a plastic carrier bearing a sterile culture medium which can be dipped in the liquid or pressed on to the surface to be sampled. It is then incubated for 48 hours at a specific temperature to allow microbial growth. The resulting microbial colonies are estimated

by referring to a chart. If the treatment programme is effective, the dipslide count will be consistently low (<10⁴). If a high result is obtained, the test should be repeated and the treatment programme must be checked. Each Water-i.d.[®] Dipslide pack contains 10 dipslides along with a comparison chart to obtain the test result.

Item-Code	Product Description DIPSLIDES
BactD001	TTC/TTC Dipslide Tests for Total Viable Count in water and surfaces . Flexible paddle for effective surface contact
BactD002	Malt/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count in waters and surfaces . Flexible paddle for effective surface contact
BactD003	RBS/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count for food and manufacturing industry Flexible paddle for effective surface contact
BactD004	MAC/TTC Dipslide Tests for Coliforms and Total Viable Count in process water . Flexible paddle for effective surface contact
BactD005	Chromogenic/TTC Dipslide Tests for <i>E. coli</i> & Coliforms, Total Viable Count for enumeration of <i>E. coli</i> Flexible paddle for effective surface contact *Requires the use of an UV lamp to show <i>E.coli</i>
BactD006	PDM/MAC Dipslide Tests for <i>Pseudomonas</i> species, Coliforms/Enterobacteriaceae for potable water, pools and spas . Flexible paddle for effective surface contact
BactD007	PDM/TTC Dipslide Tests for <i>Pseudomonas</i> species, Coliforms and Total Viable Count for Closed water systems, pools and spas . Flexible paddle for effective surface contact
BactD008	SRB Tube Tests for Sulphide reducing bacteria in Closed water systems . Flexible paddle for effective surface contact
BactD009	NRB Tube Tests for Nitrite reducing bacteria in Closed water systems . Flexible paddle for effective surface contact
BactD011	R2A/R2A Dipslide Tests for <i>A. hydrophila</i>, <i>P. fluorescens</i>, <i>S. pyogenes</i> and <i>E. coli</i> for potable water and waste water
Bact-AquaVial	Kit with 4 bacteria tests <i>E. coli</i> / coliforms . Range: 0 – 1 CFU/ml

Item-Code	Product Description INCUBATORS	Voltage
BactEDT057	Incubator for 2 Dipslide Tests. Pre-set to 35 °C	110 220 V
BactEDT059	Incubator for 8 Dipslide Tests. Pre-set to 30 °C	12 110 220 V
BactEDT052	Incubator for 10 Dipslide Tests. With temperature gauge and adjustable temperature. Ideal for NRB/SRB tests	12 110 220 V
BactEDT093	Incubator for 25 Dipslide Tests. With temperature gauge and adjustable temperature	12 110 220 V
BactEDT093	Incubator for 45 Dipslide Tests. With temperature gauge and adjustable temperature	12 110 220 V
BactEDT-12V	12 V car-lead for BactEDT057 BactEDT055 BactEDT052 BactEDT093	12 V

Item-Code	Product Description Accessories
WIDmar-UVlamp	Powerful UV LED 3 W (365 nm) UV lamp (365 nm) made of aluminium Digital voltage regulation for input voltage 3.6 – 8.4 V Titanium black, scratch resistant housing made of hard-anodized aerospace aluminium Durable, lubricated O-ring seals for reliable protection against spray-water and water jets Durable aluminium reflektor AAA battery (not included)

LEGIONELLA TEST-KITS

KIT-FEATURES:

1-HOUR LEGIONELLA SPP. TEST

DETECTS ONLY LIVING LEGIONELLA

QUANTITATIVE $60-10^6$ CFU

AOAC CERTIFIED

ALL-IN-ONE CASE



LABORATORIES

MARINE

BOILER WATER

COOLING WATER



Water-i.d.® introduces a patented method to test viable Legionella spp. in just one hour without the need to let bacteria grow!

Legionella bacteria, in special Legionella pneumophila serogroup 1, is a harmful threat with a mortality rate of up to 30 %. Once Legionella are inhaled (droplets in the air), they grow in human lungs and can cause Pontiac fever or even Pneumonia (Legionnaires' disease). The issue with current method (culture) is that it takes up to 14 days to let Legionella grow on a petri dish to be visible and countable, which is far too long to allow effective actions.

Legipid® on PrimeLab 2.0 takes a different approach:

As with the culture method, 1 liter of water is filtered to collect the Legionella. After the Legionella are released from the filter, a patented reagent is added that contains micro-bits with a magnetic core covered with an antibody. Only living Legionella spp. (no false positives!) are captured by the antibodies. After several washing steps, a colour tracer, also linked to an antibody, is added, which binds



with the Legionella spp. already bound to the micro-bit. This makes viable Legionella visible (pink colour) to be detected by the PrimeLab 2.0. The PrimeLab measures the colour and converts it to $60 - 10^6$ Colony Founding Units (CFU). As the PrimeLab is connected via WiFi to a free software and app, both of which are synchronised via the cloud, reporting is very easy.

Below in the table you may find all available reagent sets!

Item-Code	Product Description	Min	Max
		Possible No. of Tests	
LGP-10	Kit 10: Includes single dose reagents L0/L1/L2/L3/L4/L5, 5 x disposable pipettes, 10 x 3 ml measuring vials, 10 x 9 ml handling vials	5	9
LGP-20	Kit 20: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 20 x 3 ml measuring vials, 20 x 9 ml handling vials	10	19
LGP-40	Kit 40: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 40 x 3 ml measuring vials, 40 x 9 ml handling vials	20	39
LGP-100	Kit 100: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 100 x 3 ml measuring vials, 100 x 9 ml handling vials	50	99

*see on next page

PRIMELAB BASIC LEGIONELLA KIT

Included photometer

Item-Code	Kit
PL02B	The PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description see on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter
PLPar147	ID 147 Legionella 60 - 10 ⁶ CFU/l liquid Resolution 1
LGP-10	Kit to perform max. 9 tests (1 control / batch): 1 x bottle (110 ml) "L0 Diluent" 10 x single-doses (each 1 ml) "L1 Capture Reagent" 1 x bottle (200 ml) "L2 Washing buffer" 10 x single-doses (each 1 ml) "L3 Enzyme-labeled anti-Legionella" 5 x tetra dose (each 5 ml) "L4 Enzyme-co-substrates" 1 x bottle (2 ml) "L5 Stopping reagent" 5 x disposable pipette 10 x 1 ml CB cuvette 10 x 9 ml MHCB cuvette

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

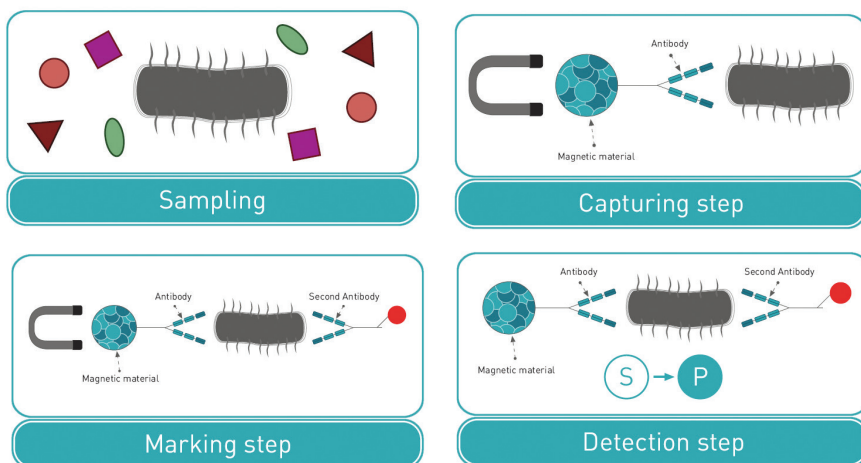
Item-Code	Accessories
LG-MP4-rack	1 x Rack with magnet to hold 4 MHCB cuvettes, to be used as single or with LG-MP4 agitator
LG-MP4-tblcl	1 x table cloth for MP4 to avoid magnet interferences between several MP4 used parallel
PL2Sp-AdkEp	PrimeLab 2.0 adapter to use rectangle 1 ml Eppendorf-vials





Item-Code	Accessories
PLSp-LG-ELF10	10 x 60 ml Elution Flask
LG-Fil-Prof	Professional filter equipment: 1 x Vacuum pump 1 x filtration funnel 1 x glass collect bottle 1000 ml 1 x tweezers 1 x scissor
LG-Fil-GFC	GF/C (Pre-) filter (47 mm diameter): 100 x filter papers GF/C for LP-Fil-Prof
LG-Fil-40M	0.40 μ Polycarbonate filter (47 mm diameter): 100 x filter papers 0.40 μ for LP-Fil-Prof
LG-Ref	Levertest. Legionella pneumophila sg1 positive control

*No matter if just one or many Legionella tests are performed at a time/ in parallel, only one set of reagents is needed to perform a CONTROL/ZERO. By that, a Legipid-kit "10" is good for at least 5 tests (only one test at a time) or a maximum of 9 tests (if 9 tests are performed in parallel). Nevertheless, one LG-MP4-rack (cuvette holder with magnet) can handle up to 3 tests + 1 CONTROL. "Basic Kit" provides 1 x LG-MP4-rack (max 3 tests in parallel, "Professional kit" provides 5 x LG-MP4-rack (max 19 tests in parallel).



PRIMELAB PROFESSIONAL LEGIONELLA KIT

Included photometer

Item-Code	Kit
PL02B	The PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description see on page 10 – 11

Included parameters (these parameters are activated on the included PrimeLab 2.0)

Item-Code	Parameter
PLPar147	ID 147 Legionella 60-10 ⁶ CFU/l liquid Resolution 1
LGP-100	„Kit to perform max. 99 tests (1 control / batch): 1 x bottle (1050 ml) „L0 Diluent“ 1 x bottle (105 ml) „L1 Capture Reagent“ 2 x bottles (each 940 ml) „L2 Washing buffer“ 1 x bottle (105 ml) „L3 Enzyme-labeled anti-Legionella“ 35 x tetra dose (each 5 ml) „L4 Enzyme-co-substrates“ 1 x bottle (11 ml) „L5 Stopping reagent“ 100 x 1 ml CB cuvette 100 x 9 ml MHCB cuvette

Can be extended to more than 140 parameters at any time by ordering an activation code.

Included accessories

Item-Code	Accessories
PLSp-PIP10ml	10 ml pipette (variable volume 1 – 10 ml)
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PLSp-PIP1ml	1 ml pipette (variable volume 0.1 – 1 ml)
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette





Item-Code	Accessories
PL2Sp-AluCase-Legi	PrimeLab 2.0 aluminium-trolley with foam inserts (matches Legipid filterkit in lower compartment)
LG-MP4	„MP4 Multitest agitator - KIT: 1 x LG-MP4-AGT Automatic agitator to place 20 x MHCB cuvettes at a time (1 control / batch) 5 x LG-MP4-rack magnetic holder for MHCB cuvettes 5 x LG-MP4-BB box bracket 1 x LG-MP4-TC table cloth 1 x LG-MP4-PLT platform
PL2Sp-AdkEp PLSp-LG-ELF100 LG-Fil-Prof	PrimeLab 2.0 adapter to use rectangle 1 ml Eppendorf-vials 100 x 60 ml Elution Flask Professional filter equipment: 1 x Vacuum pump 1 x filtration funnel 1 x glass collect bottle 1000ml 1 x tweezers 1 x scissors
LG-Fil-GFC	GF/C (Pre-) filter (47 mm diameter): 100 x filter papers GF/C for LP-Fil-Prof
LG-Fil-40M	0.40 µ Polycarbonate filter (47 mm diameter): 100 x filter papers 0.40 µ for LP-Fil-Prof
LG-Ref	Levertest Legionella pneumophila sg1 positive control

POOLTESTER

5 CHAMBERS FOR DIFFERENT
PARAMETERS AND SAMPLE BLANKS

RAPID DISSOLVING
WATER-I.D.[®] TABLET REAGENTS

CONVENIENT BOX FOR
TRANSPORT AND STORAGE



POOLS

DRINKING WATER



PT100
Chlorine | Bromine | pH



PT200
Active Oxygen (MPS) | pH



PT300
Hydrogen Peroxide | PHMB | pH



PT400
Copper/Zinc | pH



PT500
Chlorine | Bromine | TA | pH



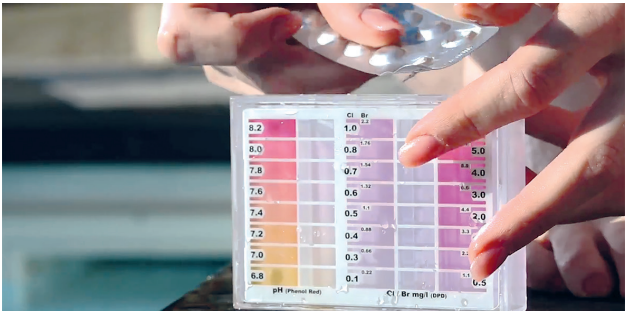
PT1500
QAC | pH



PTM100|200|900
Chlorine | Bromine | pH
Active Oxygen (MPS) | pH
Chlorine Dioxide | pH

Water-i.d.® Pooltesters & Testblocks match the classic way of how to reliably test your pool and spa water.

All our Pooltesters & Testblocks have a white background. By that, reading the result is easy and won't be disturbed by background colours. Chambers behind the colour charts can be filled with water as well, to automatically adjust the scale colours, in case the water to be tested is pre-coloured. Water-i.d.® Pooltesters & Testblocks work with German made, rapid dissolving Water-i.d.® reagents.



All Pooltester and Mini-Tester reagents are entirely developed and produced in Germany and blistered in push-through aluminium-blister providing long shelf life of 5 to 10 years

as well as easy handling. All reagent tablets are available in pack sizes of 50 | 100 | 250 | 500 tablets as well as mixed packs, matching the original quantity of tablets per tester.

Item-Code	Product Description POOLTESTER	Measurement Range
PT100	Pooltester pH and chlorine/bromine. 8 pH scale values, 16 Chlorine Bromine scale values. Tablets for 30 tests (each).	pH 6.8 – 8.2 0.1 – 1.0 mg/l Cl_2 0.5 – 6.0 mg/l Cl_2 0.2 – .3 mg/l Br_2 1.1 – 13.5 mg/l Br_2
PT200	Pooltester pH and Active Oxygen (MPS). Each 8 scale values. Tablets for 30 tests (each).	pH 6.8 – 8.2 0.0 – 15.0 mg/l MPS
PT300	Pooltester pH, Hydrogen Peroxide (H_2O_2) and PHMB (Biguanide). Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 – 8.2 5 – 50 mg/l H_2O_2 10 – 100 mg/l PHMB
PT400	Pooltester pH and (free) Copper Zinc values (differential process). Each 8 scale values, Incl. stirring rod to crush the tablets. Tablets for 20 tests (each).	pH 6.8 – 8.2 0.1 – 0.9 mg/l Cu^{2+}
PT500	Pooltester pH, Chlorine Bromine and Alkalinity. Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 – 8.2 0 – 250 mg/l CaCO_3 0.1 – 5.0 mg/ Cl_2 0.2 – 11.3 mg/l Br_2
PT1500	Pooltester QAC (Quatern. Ammon. Comp.) and pH. 8 pH scale values, 6 QAC scale values. Tablets for 20 tests (each).	pH 6.8 – 8.2 0 – 150 mg/l QAC

Item-Code	Product Description MINI-TESTER	Measurement Range
PTM100	Mini-Tester for the measurement of pH and Chlorine Bromine values. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 – 8.0 0.1 – 5.0 mg/l Cl_2 0.2 – 11.3 mg/l Br_2
PTM200	Mini-Tester pH and Active Oxygen (MPS). Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 – 8.0 0.0 – 15.0 mg/l MPS
PTM900	Mini-Tester pH and Chlorine Dioxide. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 – 8.0 1.0 – 9.5 mg/l ClO_2

TEST STRIPS



EASY READING AFTER
DIPPING INTO WATER

BLISTERED IN ALUMINIUM

EXTENDED SHELF-LIFE
UP TO 2 1/2 YEARS

PROTECTED FROM
MOISTURE AND AIR

VARIOUS PARAMETER
COMBINATIONS, INCLUDING SALT



POOLS



TSL100
Chlorine | Bromine | pH | TA



TSL200
Akt. Oxygen (MPS) | pH | TA



TSL600
Salt (NaCl)



TSL700
Chl. | Br. | pH | TA | TH | CYA



TSL900
Chlorine Dioxide | pH | TA

Water-i.d.® test strips are always packed either in 5 or 10 strips per aluminium blister (5 blisters per box) to ensure a shelf life of at least 2 1/2 years and to protect the strips from humidity and air when opening the box.

Due to the long shelf life, it is no longer a problem to use excess stocks in the following season. A fact that will please your calculation and your customer.

Water-i.d.® test strips give you good information about your water quality.

The TSL600 test strip (capillary method) uses silver nitrate as a reagent and thus reacts directly with the salt to be measured, unlike electronic measuring devices which determine the salt content empirically via conductivity.



Item-Code	Product Description	N°of Strips	Measurement Range
TSL100	3-in-1 Test Strips for the measurement of pH, free Chlorine Bromine and Alkalinity values Each 10 of 50 Strips per bottle are packed in foil	50	0.0 – 5.0 mg/l Cl_2 0.0 – 11.0 mg/l Br_2 pH 6.8 – 8.2 0 – 240 mg/l CaCO_3
TSL200	3-in-1 Test Strips for the measurement of pH Active Oxygen (O_2 / MPS) and Alkalinity values Each 10 of the 50 Strips per bottle are packed in foil	50	0 – 15 mg/l MPS pH 6.8 – 8.2 0 – 240 mg/l CaCO_3
TSL600	Test Strips for the measurement of Salt (NaCl) Each 5 of the 20 Strips per bottle are packed in foil	20	0 – 8000 mg/l NaCl
TSL700	5-in-1 Test Strips for the measurement of pH, free Chlorine Bromine Alkalinity, Total Hardness and Cyanuric Acid values Each 10 of the 50 Strips per bottle are packed in foil	50	0.0 – 5.0 mg/l Cl_2 0.0 – 11.0 mg/l Br_2 pH 6.8 – 8.2 0 – 240 mg/l CaCO_3 0 – 150 mg/l Cya 0 – 1000 mg/l CaCO_3
TSL900	3-in-1 test strips for measuring pH, Hydrogen peroxide (H_2O_2) and Alkalinity values. Each 10 of the 50 Strips per bottle are packed in foil	50	0.5 – 100.0 mg/l H_2O_2 pH 6.8 – 8.2 0 – 240 mg/l CaCO_3

ELECTRONIC METER

ELECTROCHEMICAL MEASUREMENT

PH, CONDUCTIVITY (EC),
SALINITY, TEMPERATURE,
TDS, ORP (REDOX),
DO (DISSOLVED OXYGEN)

ATC (AUTOMATIC TEMPERATURE
COMPENSATION) DEPENDING
ON THE MODEL



DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

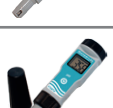
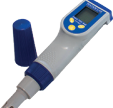
FOOD PROCESSING

Without requiring additional reagents (tablets, drops, etc.) Water-i.d.® Electronic Meters offer a professional way to measure various water parameters, such as conductivity, salinity, total dissolved solids, pH, Temperature and ORP (Redox).

The test result is displayed on the device within seconds after dipping it in the water sample. The sensitive pH and ORP electrodes should always be kept moist and all Electronic Meter models should be calibrated regularly – at best before each measurement – with Water-i.d.® standard solutions.

Depending on the model used, the measured values are automatically temperature compensated.



	Item-Code	Electronic Meter Parameters	Measurement Range
	FT11*	pH	pH 0.0 – 14.0
	FT34	TDS (Total Dissolved Solids)	0 – 1999 mg/l 0.000 – 1.999 g/l
	FT36	TDS (Total Dissolved Solids)	0 – 10000 mg/l 0.00 – 10.00 g/l
	FT33	EC (Electronic Conductivity)	0 – 1999 μ S/cm 0.000 – 1.999 mS/cm
	FT35	EC (Electronic Conductivity)	0 – 19990 μ S/cm 0.00 – 19.99 mS/cm
	FT6011* **	pH	pH0.0 – 14.0
	FT6012* **	pH	pH0.00 – 14.0
	FT7011* **	pH ORP (Redox) Temperature	pH-2.00 – 16.00 +/- 1000 mV 0.0 – 90.0 °C
	FT7021**	EC TDS Salinity Temperature	0 – 2000 μ S/cm 2.00 – 20.00 mS/cm 0 – 1300 mg/l 1.30 – 13.00 g/l 0 – 1000 mg/l 1.00 – 12.00 g/l 0 – 1000 mg/l 1.00 – 12.00 g/l 0.0 – 90.0 °C
	FT7031**	DO O ₂ Temperature	0.00 – 20.00 mg/l 0.0 – 200.0 % 0.0 – 90.0 °C
	FT7200* **	pH ORP (Redox) EC TDS Salinity Temperature	pH-2.00– 16.00 +/- 1000 mV 0 – 2000 μ S/cm 2.00 – 20.00 mS/cm 0 – 1300 mg/l 1.30 – 13.00 g/l 0 – 1000 mg/l 1.00 – 12.00 g/l 0.0 – 90.0 °C

*Ideally, the electrode is stored in a 3 – 3.5 molar potassium chloride solution so that the concentration gradient and thus the ion migration out of the electrode is as low as possible

**With 21x18 mm display, IP57 waterproof, exchangeable electrode

	Resolution	Precision	Calibration	Automatic Temperatur Compensation
	0.1	+/- 0.1	1 point, manual	---
	1 mg/l 0.001 g/l	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	1mg/l 0.01 g/l	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	1 $\mu\text{S/cm}$ 0.001 mS/cm	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	1 $\mu\text{S/cm}$ 0.01 mS/cm	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	0.1	+/- 0.1	1 point, manual	---
	0.02	+/- 0.01	1 point, manual	automatic 0 – 90 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	0.02 1 mV 0.1 °C	+/- 0.01 +/- 2 mV +/- 0.2 °C	2 point, automatic	automatic 0 – 90 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	1 $\mu\text{S/cm}$ 0.01 mS/cm 1 mg/l 0.01 g/l 1 mg/l 0.01 g/l 0.1 °C	+/- 2 % EC +/- 2 % TDS +/- 2 % Salinity +/- 0.2 °C	2 point, automatic	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	0.01 mg/l 0.1 % 0.1 °C	+/- 0.1 mg/l +/- 2 % O ₂ +/- 0.2 °C	2 point, automatic	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}^{-1}$
	0.02 1 mV 1 $\mu\text{S/cm}$ 0.01 mS/cm 1 mg/l 0.01 g/l 1 mg/l 0.01 g/l 0.1 °C	+/- 0.01 +/- 2 mV +/- 2 % EC +/- 2 % TDS +/- 2 % Salinity +/- 2 °C	2 point, automatic	automatic 0 – 90 °C pH/mV 0 – 50 °C EC TDS Salinity → $\beta = 2 \text{ }^\circ\text{C}^{-1}$

CALIBRATION SOLUTIONS

NIST TRACEABLE

MADE IN GERMANY

SPECIFIC FOR PH, TDS
& ORP ELECTRODES



DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

*More available on request. Available in 20 ml, 100 ml 500 ml, 1000 ml and 10 l packages.

Item-Code	Product Description	FT Model
EMpHbuf100	„pH 1.00“ calibration solution	--
EMpHbuf200	„pH 2.00“ calibration solution	--
EMpHbuf300	„pH 3.00“ calibration solution	--
EMpHbuf400	„pH 4.00“ calibration solution	FT7011, FT7200
EMpHbuf600	„pH 6.00“ calibration solution	--
EMpHbuf700	„pH 7.00“ calibration solution	FT6011, FT6012, FT7011, FT7200, FT11
EMpHbuf800	„pH 8.00“ calibration solution	--
EMpHbuf900	„pH 9.00“ calibration solution	--
EMpHbuf1000	„pH 10.00“ calibration solution	FT7011, FT7020
EMpHbuf1100	„pH 11.00“ calibration solution	--
EMpHbuf1200	„pH 12.00“ calibration solution	--
EMpHbuf1300	„pH 13.00“ calibration solution	--
EMorpbuf220	„ORP +220mV“ calibration solution	--
EMorpbuf468	„ORP +468mV“ calibration solution	FT7011, FT7200
EMecbuf15	„EC 15 $\mu\text{S}/\text{cm}$ “ calibration solution	--
EMecbuf84	„EC 84 $\mu\text{S}/\text{cm}$ “ calibration solution	--
EMecbuf147	„EC 147 $\mu\text{S}/\text{cm}$ “ calibration solution	--
EMecbuf1413	„EC 1413 $\mu\text{S}/\text{cm}$ “ calibration solution	FT7021, FT7200, FT33
EMecbuf1288	„EC 12.88 mS/cm“ (KCl 0.1 mol/l) cal. sol.	FT7021, FT7200, FT33
EMecbuf5000	„EC 50 mS/cm“ calibration solution	--
EMecbuf11180	„EC 111.8 mS/cm“ calibration solution	--
EMecbuf21200	„EC 212 mS/cm“ calibration solution	--

*More available on request. Available in 20 ml, 100 ml 500 ml, 1000 ml and 10 l packages.

REAGENTS OVERVIEW

ADVANTAGES OF WATER-I.D.[®] TABLETS:

LONG SHELF LIFE

DELIVERED IN
PUSH-THROUGH BLISTERS

ACCURATELY PORTIONED

RAPID DISSOLVING TABLETS
FOR VISUAL TEST METHODS

REAGENTS PRODUCED IN
GERMANY AND THE UK



Tablets



Tube Tests



Liquids



Powders



Powder-pillows

Water-i.d.® reagent tablets are developed and produced exclusively in Germany. Currently, Water-i.d.® offers more than 85 different tablet types:

RAPID fast dissolving tablets for visual measurement (Pooltester / Comparator / Mini-Kits), photometer tablets for the use in PrimeLab and PoolLab® photometers as well as in many common photometer models of other well-known manufacturers, auxiliary tablets, such as EDTA and Dechlor as well as tablets for the counting method (titration).

Water-i.d.® in addition offers ready made TubeTests for different applications. Liquid reagents and powder reagent, both "Made in UK" are offered as well. Water-i.d.® was the



first reagent tablet manufacturer in the world using the practical tablet push-through blisters and was awarded for this. The Water-i.d.® reagents are distributed worldwide.

Tablet reagents:	10 20 50 100 200 250 500 tablets per sales box
Tube tests:	25 vials per kit
Liquid reagents:	10 ml 20 ml 30 ml 65 ml dropper bottles as well as prepared 1-time-use glass-vials
Powder reagents:	10 g 20 g 30 g 40 g 50 g 60 g cans with measurement spoon as well as 1-portion powder pillows
Powder pillows:	50 100 Powder-Pillows in a bag
Ready to use tube tests:	25 vials per box 50 vials per kit



Parameters:

Active Oxygen (MPS)	Cyanuric Acid	Manganese	Potassium
Alkalinity M and P	DBNPA	Methylethylketoxime	PTSA
Aluminium	DEHA	Molybdate	QAC
Ammonia	Dissolved Oxygen	Nickel	Silica
BN LUX	Erythorbic Acid	Nitrate	Sodium Hypochlorite
Boron	Fluorescein	Nitrite	Sulphate
Bromine	Fluoride	Nitrogen (total)	Sulphide
Carbohydrazide	Hardness (Calcium, Magnesium, Total)	Oxidants (total)	Sulphite
Chloramines	Hydrazine	Ozone	Suspended Solids
Chloride	Hydrocarbons	Peracetic Acid	Tannic Acid
Chloride in Methanol	Hydrogen Peroxide	Permanganate Time Test	Turbidity (NTU)
Chlorine	Hydroquinone	pH-value	Urea
Chlorine Dioxide	Iodine	Phenol	Zinc
Chlorite	Iron	PHMB	
Chromium	Iron in Oil	Phosphate (ortho)	
COD	Isothiazolinone	Phosphonate	
Colour (Hazen APHA)	Magnesium	Phosphorus (total)	
Copper		Polyacrylate	

SUITABLE REAGENTS



PRIMELAB 2.0

1/8



Item-Code	Parameter	ID	Measurement Range	Reagent
TbsPD4	Active Oxygen (MPS)	01	0.0 – 40.0 mg/l MPS	Tablets DPD N°4 Photometer
TbsPTA	Alkalinity-M	05	5 – 200mg/l CaCO ₃	Tablets Alkalinity-M Photometer
PL30TA	Alkalinity-M Liquid	193	5 – 200 mg/l CaCO ₃	Liquid Alkalinity-M Liquid
TbsPTAHR	Alkalinity M (HR)	121	0 – 500 mg/l CaCO ₃	Tablets Alkalinity-M (HR) Photometer
TbsPAP	Alkalinity-P	06	25 – 300 mg/l CaCO ₃	Tablets Alkalinity-P Photometer
TbsHALM1 TbsPALM2	Aluminium	04	0.00 – 0.30 mg/l Al ³⁺	Tablets Aluminium N°1 Photometer Tablets Aluminium N°2 Photometer
PPHAM1 PPPAM2 PPHAMsw	Ammonia (LR)	02	0.00 – 1.00 mg/l N	Powder P. Ammonia N°1 Powder P. Ammonia N°2 Powder P. Ammonia Sea Water Cond. Powder
PL155-kit	Ammonia (HR)	155	1.0 – 50.0 mg/l N	Kit Ammonia HR vial Ammonia Salicylate F5 Powder Pack Ammonia Cyanurate F5 Powder Pack Deionised water
TbsHBO1 TbsPBO2	Boron	07	0.00 – 2.00 mg/l B ³⁺	Tablets Boron N°1 Photometer Tablets Boron N°2 Photometer
TbsPD1 TbsHGC	Bromine (Tablet method)	08	0.00 – 18.00 mg/l Br ₂	Tablets DPD N°1 Photometer Tablets Glycine
PL30DPD1A PL30DPD1B PLpow20DPDNitr	Bromine (Liquid method)	63	0.00 – 9.00 mg/l Br ₂	Liquid DPD 1A Liquid DPD 1B Powder PL DPD Nitrite Powder
PPPD1	Bromine	128	0.00 – 18.00 mg/l Br ₂	Powder P. DPD N°1 Photometer
PL65OxyScav1 PL65OxyScav2	Carbohydrazide	71	0.00 – 1.30 mg/l C.Hyd	Liquid PL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2
TbsPD1 TbsPD2 TbsPD3	Chloramines	95	0.00 – 8.00 mg/l fCl ₂ 0.00 – 11.60 mg/l NH ₂ Cl 0.00 – 19.00 mg/l NHCl ₂	Tablets DPD N°1 Photometer Tablets DPD N°2 Photometer Tablets DPD N°3 Photometer
TbsHCRD1 TbsPCRD2	Chloride (Tablet method)	10	0.5 – 25.0 mg/l Cl ⁻	Tablets Chloride N°1 Photometer Tablets Chloride N°2 Photometer
PL65Chloride1 PL65Chloride2	Chloride (Liquid method)	124	0.0 – 100.0 mg/l Cl ⁻	Liquid Chloride N°1 LiquidChloride N°2
PL30CLMEOH	Chloride in Methanol	167	0.0 – 20.0 mg/l Cl ⁻	Liquid Chloride in Methanol
TbsPD1 TbsPD3	Chlorine (Tablet method)	11	0.00 – 8.00 mg/l Cl ₂	Tablets DPD N°1 Photometer Tablets DPD N°3 Photometer
PL30DPD1A PL30DPD1B PL30DPD3C	Chlorine (Liquid method)	12	0.00 – 4.00 mg/l Cl ₂	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C
PPPD150	Chlorine (Powder method)	129	0.00 – 8.00 mg/l Cl ₂	Powder DPD N°1 Photometer
PPPCIHR PPHAFG	Chlorine (HR) (KI) (Powder Pillow method)	14	5 – 200 mg/l Cl ₂	Powder P. Chlorine HR (KI) Powder P. Acidifying GP



PRIMELAB 2.0

2/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PL65CIHR1 PL30CIHR2	Chlorine (KI) (HR) (Liquid method)	15	0 – 200 mg/l Cl_2	Liquid PL Chlorine HR 1 Liquid PL Chlorine HR 2
TbsPD1MR TbsPD3MR	Chlorine (MR)	122	0.00 – 10.00 mg/l Cl_2	Tablets DPD N°1 MR Photometer Tablets DPD N°3 MR Photometer
TbsPD1 TbsHGC	Chlorine Dioxide (Tablet method)	16	0.00 – 15.00 mg/l ClO_2	Tablets DPD N°1 Photometer Tablets Glycine
PL30DPD1A PL30DPD1B PL30DPDGlycine	Chlorine Dioxide (Liquid method)	64	0.00 – 7.60 mg/l ClO	Liquid DPD 1A Liquid DPD 1B Liquid PL DPD Glycine
PPPD1 TbsHGC	Chlorine Dioxide	130	0.00 – 15.00 mg/l ClO_2	Powder P DPD N°1 Photometer Tablets Glycine
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDGlycine PL30DPDAcidif PL30DPDNeutr	Chlorite	106	0.00 – 8.00 mg/l ClO_2^-	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Glycine Liquid PL DPD Acidifying Liquid PL DPD Neutralizing
PLpow10Chromate1 PL30Chromate2	Chromium (Powder + Liquid)	103	0.00 – 1.00 mg/l Cr^{6+}	Powder PL Chromate N°1 Liquid PL Chromate N°2
TbsHChro1 PPPChro2	Chromium (Tablet + Powder Pillow)	94	0.00 – 2.20 mg/l Cr^{3+}	Tablets Chromium N°1 Photometer Powder P.Chromium N°2 Photometer
COD-79-LR	COD (LR)	79	0 – 150 mg/l O_2	Prepared vials
COD-80-MR	COD (MR)	80	0 – 1500 mg/l O_2	Prepared vials
COD-17-HR	COD (HR)	17	0 – 15000 mg/l O_2	Prepared vials
TbsHCu1 TbsPCu2	Copper (Tablet method)	18	0.00 – 5.00 mg/l Cu^{2+}	Tablets Copper N°1 Photometer Tablets Copper N°2 Photometer
PLpow20Cu1	Copper (Powder method)	19	0.00 – 5.00 mg/l Cu^{2+}	Powder PL Copper N°1
PL158-kit	Cyanide	158	0.01 – 0.50 mg/l CN^-	Powder PL Cyanide-11 Powder PL Cyanide-12 Liquid PL Cyanide-13
TbsPCAT	Cyanuric Acid	20	0 – 160 mg/l CYA	Tablets CYA-Test Photometer
TbsPD1 TbsPD3	DBNPA (Tablet method)	82	0.00 – 13.00 mg/l DBNPA	Tablets DPD N°1 Photometer Tablets DPD N°3 Photometer
PL30DPD1A PL30DPD1B PL30DPD3C	DBNPA (Tablet method)	65	0.00 – 13.00 mg/l DBNPA	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C
PL65OxyScav1 PL65OxyScav2	DEHA	21	20 – 1000 $\mu\text{g/l}$ DEHA	Liquid PL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2
PL30DO1 PL30DO2 PL30DO3	Dissolved Oxygen	163	0.0 – 10.0 mg/l O_2	Liquid Dissolved Oxygen N°1 Liquid Dissolved Oxygen N°2 Liquid Dissolved Oxygen N°3

PRIMELAB 2.0

3/8



Item-Code	Parameter	ID	Measurement Range	Reagent
PL65OxyScav1 PL65OxyScav2	Erythorbic Acid	70	0.00–3.50mg/l Ery. A.	LiquidPL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2
PL100SPADNSF	Fluoride (SPADNS)	180	0.00–2.00mg/l F ⁻	Liquid PL SPADNS Fluoride
TbsHCH1 TbsPCH2	Hardness Calcium (Tablet method)	78	0–500mg/l CaCO ₃	Tablets Calcium-Hardness N°1 Photometer Tablets Calcium-Hardness N°2 Photometer
POL20CH1 POL20CH2	Hardness Calcium (Liquid method)	166	0–500mg/l CaCO ₃	Liquid Calcium Hardness N°1 Liquid Calcium Hardness N°2
TbsPCH	Hardness Calcium (HR)	09	50–1000mg/l CaCO ₃	Tablets Calcium Hardness Photometer
TbsPTH meter	Hardness Total (LR)	56	2.0–50.0mg/l CaCO ₃	Tablets Total Hardness Photometer
TbsPTH	Hardness Total (HR) (Tablet method)	57	20–500mg/l CaCO ₃	Tablets Total Hardness Photometer
PL20TH1 PL20TH2	Hardness Total (HR) (Liquid method)	148	0–500mg/l CaCO ₃	Liquid Total Hardness N°1 Liquid Liquid Total Hardness N°2 Liquid
PL65Hydraz1	Hydrazine	23	5–600µg/l N ₂ H ₄	LiquidPL Hydrazine 1
TbsPHP	Hydrogen Peroxide (LR) (Tablet method)	24	0.00–3.80mg/l H ₂ O ₂	Tablets Hydrogen Peroxide LR Photometer
PL30HydLRP1 PL30HydLRP2	Hydrogen Peroxide (LR) (Liquid method)	66	0.00–1.90mg/l H ₂ O ₂	Liquid PL Hydrogen Peroxide LR 1 Liquid PL Hydrogen Peroxide LR 2
TbsHAFFP PPHPHR	Hydrogen Peroxide (HR) (Tablet + Powder Pillow)	162	0–200mg/l H ₂ O ₂	Tablet Acidifying PT Photometer Powder P. Hydrogen Peroxide HR Photometer
PL65HydHRP1 PL65HydHRP2	Hydrogen Peroxide (HR) (Liquid method)	25	0.00–2.50mg/l C ₆ H ₆ O ₂	Liquid PL Hydrogen Peroxide HR 1 Liquid PL Hydrogen Peroxide HR 2
PL65OxyScav1 PL65OxyScav2	Hydroquinone	26	0.00–28.00mg/l I ₂	Liquid PL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2
TbsPD1	Iodine	27	0.00–14.00mg/l I ₂	Tablets DPD N°1 Photometer
PL30DPD1A PL30DPD1B	Iodine	67	0.00–1.00mg/l Fe ^{2+/3+}	Liquid DPD 1A Liquid DPD 1B
TbsPILR	Iron (LR)	28	0.00–1.00mg/l Fe ^{2+/3+}	Tablets Iron LR Photometer
TbsHILR1 TbsHILR2	Iron (LR)	199	0.0–10.0mg/l Fe ^{2+/3+}	Tablets Iron LR N°1 Photometer Tablets Iron LR N°2 Photometer
PLpow20IronMR1	Iron (MR)	29	0.0–10.0mg/l Fe ^{2+/3+}	Powder PL Iron MR 1
PLpow20IronMR2	Iron (MR) Ferrous	127	0.0–10.0mg/l Fe ²⁺	Powder PL Iron MR 2
PL65IronHR1 PL65IronHR2	Iron (HR)	30	0.0–20.0mg/l Fe ^{2+/3+}	Liquid PL Iron HR 1 Liquid PL Iron HR 2
WIDmar-IIO	Iron in Oil	149	0–450mg/l Fe ^{2+/3+}	Kit Iron in Oil vials Iron in Oil tablet



PRIMELAB 2.0

4/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PPPIron132	Iron total	132	0.00–3.00mg/l $\text{Fe}^{2+/3+}$	Powder P. Iron Photometer
PL30Isoz1 PL30Isoz2 PL30Isoz3 PL30Isoz4 PL30Isoz5	Isothiazolinone	88	0.0–10.0mg/l Isothia	Liquid PL Isothiazolinone 1 Liquid PL Isothiazolinone 2 Liquid PL Isothiazolinone 3 Liquid PL Isothiazolinone 4 Liquid PL Isothiazolinone 5
LGP-10	Legionella	147	60–10 ⁶ CFU/l	Kit to perform max. 9 tests (1 control / batch): L0 Diluent (bottle) L1 Capture Reagent (single-doses) L2 Washing buffer (bottle) L3 Enzyme-labeled anti-Legionella (single-doses) L4 Enzyme-co-substrates (tetra dose) L5 Stopping reagent (bottle) disposable pipette 1 ml CB cuvette 9 ml MHCB cuvette
LGP-20	Legionella	147	60–10 ⁶ CFU/l	Kit to perform max. 19 tests (1 control / batch): L0 Diluent (bottle) L1 Capture Reagent (single-doses) L2 Washing buffer (bottle) L3 Enzyme-labeled anti-Legionella (single-doses) L4 Enzyme-co-substrates (tetra dose) L5 Stopping reagent (bottle) 1 ml CB cuvettes 9 ml MHCB cuvettes
LGP-40	Legionella	147	60–10 ⁶ CFU/l	Kit to perform max. 39 tests (1 control / batch) L0 Diluent (bottle) L1 Capture Reagent (bottle) L2 Washing buffer (bottle) L3 Enzyme-labeled anti-Legionella (bottle) L4 Enzyme-co-substrates (tetra dose) L5 Stopping reagent (bottle) 1 ml CB cuvette 9 ml MHCB cuvette
LGP-100	Legionella	147	60–10 ⁶ CFU/l	Kit to perform max. 99 tests (1 control / batch) L0 Diluent (bottle) L1 Capture Reagent (bottle) L2 Washing buffer (bottles) L3 Enzyme-labeled anti-Legionella (bottle) L4 Enzyme-co-substrates (tetra dose) L5 Stopping reagent (bottle) 1 ml CB cuvette 9 ml MHCB cuvette
TbsPMag	Magnesium	93	930–100mg/l Mg^{2+}	Tablets Magnesium Photometer
PPHMGNSLR1 PPHMGNSLR2	Manganese	31	0.20–5.00mg/l Mn^{2+}	Powder P. Manganese LR N°1 Photometer Powder P. Manganese LR N°2 Photometer
TbsHMagVLR1 TbsHMagVLR2	Manganese (VLR)	161	0.000–0.030mg/l Mn^{2+}	Tablets Manganese VLR N°1 Tablets Manganese VLR N°2
PL65OxyScav1 PL65OxyScav2	Methylethylketoxime	69	0.00–4.10mg/l $\text{C}_4\text{H}_9\text{NO}$	Liquid PL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2

PRIMELAB 2.0

5/8



Item-Code	Parameter	ID	Measurement Range	Reagent
TbsHMDL1 TbsHMDL2	Molybdate (LR)	96	0.0–15.0mg/l MoO_4^{2-}	Tablets Molybdate LR N°1 Photometer Tablets Molybdate LR N°2 Photometer
PL65Moly1	Molybdate (HR) (Liquid method)	33	5.0–200.0mg/l MoO_4^{2-}	Liquid PL Molybdate 1
PPmolyver1 PPmolyver2 PPmolyver3	Molybdate (HR) (Powder Pillow method)	134	0.0–40.0mg/l MoO_4^{2-}	Powder P. MolyVer 1 Powder P. MolyVer 2 Powder P. MolyVer 3
TbsHMDH1 TbsHMDH2	Molybdate (Tablet method)	32	1.0–100.0mg/l MoO_4^{2-}	Tablets Molybdate HR N°1 Photometer Tablets Molybdate HR N°2 Photometer
TbsHNickHR1 TbsHNickHR2	Nickel (HR) (Tablet method)	90	0.0–7.0mg/l Ni^{2+}	Tablets Nickel HR N°1 Photometer Tablets Nickel HR N°2 Photometer
PL65NickHR1 PL65NickHR2 PL65NickHR3	Nickel (HR) (Liquid method)	100	0.0–7.0mg/l Ni^{2+}	Liquid PL Nickel HR 1 Liquid PL Nickel HR 2 Liquid PL Nickel HR 3
PLpow20Nitra1 PL65Nitra2	Nitrate	34	0.00–11.00mg/l N	Powder PL Nitrate 1 Liquid PL Nitrate 2
PPHNitra1 PPHNitra2	Nitrate HR	169	1–100mg/l NO_3^-	Powder P. Nitrate N°1 Photometer Powder P. Nitrate N°2 Photometer
PL190-kit	Nitrate TubeTest	190	1.0–30.0mg/l N	Kit Nitrate TT N°1 vials Nitrate TT N°2 Powder P. Deionised water
PPPNiLR	Nitrite (LR)	35	0.00–0.50mg/l N	Powder P Nitrite LR Photometer
PLpow10NitriHR1	Nitrite (HR) (Powder method)	36	5–200mg/l NaNO_2	Powder PL Nitrite HR 1
TbsHNNiHR1 TbsHNNiHR2	Nitrite (HR) (Tablet method)	97	0–1500mg/l NaNO_2	Tablets Nitrite HR N°1 Photometer Tablets Nitrite HR N°2 Photometer
PL65NitriteHR2	Nitrite (HR) (Liquid method)	101	0–3000mg/l NO_2^-	Liquid PL Nitrite HR 2
PL151-kit	Nitrogen-Total (LR)	151	0.5–25.0mg/l N	Kit Hydroxide LR vials Persulfate Powder P. Reagent A Powder P. Reagent B Powder P. Acid LR/HR vials Deionised water
PL152-kit	Nitrogen-Total (HR)	152	5–150mg/l N	Kit Hydroxide HR vials Persulfate Powder P. Reagent A Powder P. Reagent B Powder P. Acid LR/HR vials Deionised water
TbsPD1 TbsPD3 TbsHGC	Ozone (Tablet method)	37	0.00–5.40mg/l O_3	Tablets DPD N°1 Photometer Tablets DPD N°3 Photometer Tablets Glycine



PRIMELAB 2.0

6/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDGlycine	Ozone (Liquid method)	92	0.00–2.70mg/l O ₃	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Glycine
TbsPD4	Peracetic Acid (LR)	164	0.00–10.00mg/ PAA	Tablets DPD N°4 Photometer
PPPCIHR PPHAFG	Peracetic Acid (HR)	165	0.0–300.0mg/l PAA	Powder P. Chlorine HR (KI) Powder P. Acidifying GP
PL10PTT PTT-Metha	Permanganate Time Test in Methanol (tank wash)	159	0–100% T	Liquid Permanganat Time Test Liquid Sealed vial Methanol (Reagent grade)
TbsPPHLR	pH-value (LR)	40	pH5.20–6.80	Tablets Bromocresolpurple
TbsPpH	pH-value (MR) (Tablet method)	38	pH6.40–8.40	Tablets Phenol Red Photometer
PL65PhenRed	pH-value (MR) (Liquid method)	39	pH6.40–8.40	Liquid Phenol Red Liquid
TbsPUPH	pH-Universal (Tablet method)	41	pH5.0–11.0	Tablets pH Universal Photometer
PL65UnivpH	pH-Universal (Liquid method)	42	pH4.0–11.0	Liquid PL pH 4-11
TbsHPhen1 TbsHPhen2 TbsHPhen3	Phenol	98	0.00–5.00mg/l Phenol	Tablets Phenol N°1 Photometer Tablets Phenol N°2 Photometer Tablets Phenol N°3 Photometer
TbsPPB	PHMB	43	2–60mg/l PHMB	Tablets PHMB Photometer
PPHPLR1 TbsPPPLR2	Phosphate (LR) (Tablet + Powder Pillow)	44	0.00–4.00mg/l PO ₄ ³⁻	Powder P. Phosphate LR N°1 Photometer Tablets Phosphate LR N°2 Photometer
PL65PPLR1 PLpow10PPLR2	Phosphate (LR)# (Liquid + Powder)	45	0.00–4.00mg/l PO ₄ ³⁻	Liquid PL Phosphate LR 1 Powder PL Phosphate LR 2
PPHPPHR1 TbsPPPHR2	Phosphate (HR) (Tablet + Powder Pillow)	46	0–80mg/l PO ₄ ³⁻	Powder P. Phosphate HR N°1 Photometer Tablets Phosphate HR N°2 Photometer
PL65PPHR1 PL65PPHR2	Phosphate (HR) (Liquid method)	47	0–100mg/l PO ₄ ³⁻	Liquid PL Phosphate HR 1 Liquid PL Phosphate HR 2
PLpow20PPHON1 PLpow20PPHON2 PL65PPHON3 PLpow20PPHON4	Phosphonate	87	0.0–20.0mg/l PO ₄ ³⁻	Powder PL Phosphonate 1 Powder PL Phosphonate 2 Liquid PL Phosphonate 3 Powder PL Phosphonate 4
PL153-kit	Phosphorus Total (LR)	153	0.00–2.60mg/l P	Kit Phosphorus LR vial PL Phosphorus LR N°1 PL Phosphorus N°2 Phosphate LR N°1 Powder P. Phosphate LR N°2 Tablets

PRIMELAB 2.0

7/8



Item-Code	Parameter	ID	Measurement Range	Reagent
PL154-kit	Phosphorus Total (HR)	154	0.0–52.0mg/l P	Kit Phosphorus HR vial PL Phosphorus HR N°1 PL Phosphorus N°2 Phosphate HR N°1 Powder P. Phosphate HR N°2 Tablets
PL65PLYA1 PL65PLYA2	Polyacrylate	85	1.0–30.0mg/l Polyacr.	Liquid PL Polyacrylate 1 Liquid PL Polyacrylate 2
TbsPPTST	Potassium	48	0.7–12.0mg/l K ⁺	Tablets Potassium Photometer
--	PTSA	111	0–1000µg/ PTSA	--
PL65HydHRP1 PL65HydHRP2	Sanosil	173	0–400mg/l Sanosil	Liquid PL Hydrogen Peroxide HR 1 Liquid PL Hydrogen Peroxide HR 2
PL25SiILR1 PL25SiILR2 PL25SiILR3	Silica (LR)	49	0.00–5.00mg/l SiO ₂	Liquid Silica N°1 Liquid Silica N°2 Liquid Silica N°3
PLpow20SiILHR1 PLpow20SiILHR2 PLpow20SiILHR3	Silica (HR)	50	0–100mg/l SiO ₂	Powder PL Silica HR 1 Powder PL Silica HR 2 Powder PL Silica HR 3
PPPCIHR PPHAFG	Sodium Hypochlorite (Powder Pillow method)	51	0.2–40.0% NaOCl	Powder P. Chlorine HR (KI) Powder P. Acidifying GP
PL65CIHR1 PL65CIHR2	Sodium Hypochlorite (Liquid method)	68	0.2–40.0% NaOCl	Liquid PL Chlorine HR 1 Liquid PL Chlorine HR 2
PPPSULP	Sulphate	54	5–100mg/l SO ₄ ²⁻	Powder P. Sulphate Photometer
PLpow10SULPHA1	Sulphate	55	5–100mg/l SO ₄ ²⁻	Powder PL Sulphate 1
TbsHSULFD1 TbsHSULFD2	Sulphide	52	0.04–0.50mg/l S ²⁻	Tablets Sulphide N°1 Photometer Tablets Sulphide N°2 Photometer
HaSulfide1 HaSulfide2	(Liquid method)	140	0.00–0.70mg/l S ²⁻	Liquid Sulfide 1 Photometer (Hach) Liquid Sulfide 2 Photometer (Hach)
TbsPSULFTLR	Sulphite (LR)	53	0.0–5.0mg/l SO ₃ ²⁻	Tablets Sulphite LR Photometer
TbsHSULFHR1 TbsHSULFHR2	Sulphite (HR) (Tablet method)	105	0–300mg/l Na ₂ SO ₃	Tablets Sulphite HR N°1 Photometer Tablets Sulphite HR N°2 Photometer
PL65OxyScav1 PL65OxyScav2	Sulphite (HR) (Liquid method)	174	0–200mg/l SO ₃ ²⁻	Liquid PL Oxygen Scavenger 1 Liquid PL Oxygen Scavenger 2
PL65Tannin1 PL65Tannin2	Tannic acid	91	0–200mg/l Ta. Acid	Liquid PL Tannin 1 Liquid PL Tannin 2
PL197-Kit	Total Organic Carbon (LR)	197	5.0–80.0mg/l TOC	Kit TOC-1K TOC-2K
PL198-Kit	Total Organic Carbon (HR)	198	5.0–80.0mg/l TOC	Kit TOC-1K TOC-2K



PRIMELAB 2.0

8/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDAcidif PL30DPDNeutr	Total Oxidant	108	0.03–4.00mg/l Cl_2	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Acidifying Liquid PL DPD Neutralising
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDAcidif PL30DPDNeutr	Total Residual Oxidant	191	0.00–4.00mg/l Cl_2	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Acidifying Liquid PL DPD Neutralising
PPHAM1 PPPAM2 PL30Urea1 PL30Urea2	Urea	120	0.1–2.5mg/l $\text{CH}_4\text{N}_2\text{O}$	Powder P. Ammonia N°1 Powder P. Ammonia N°2 Liquid PL Urea Reagent 1 Liquid PL Urea Reagent 2
PPHAM1 PPPAM2 PL30Urea1 PL30Urea2	Urea (HR)	150	0.2–5.0mg/l $\text{CH}_4\text{N}_2\text{O}$	Powder P. Ammonia N°1 Powder P. Ammonia N°2 Liquid PL Urea Reagent 1 Liquid PL Urea Reagent 2
TbsPCZ TbsHED TbsHDC	Zinc	62	0.00–1.00mg/l Zn^{2+}	Tablets Copper/Zinc LR Photometer Tablets EDTA Tablets Dechlor

PoolLAB^{1.0}[®]

PHOTOMETER

1/2



Item-Code	Parameter	Measurement Range	Reagent
TbsPD450	Active Oxygen (MPS)	0.0–30.0mg/l MPS	50 tablets DPD N° 4 Photometer
TbsPTA50	Alkalinity (Acid Capacity)	0–200mg/l CaCO ₃	50 tablets Alkalinity-M Photometer
TbsPD150 TbsHGC50	Bromine (Tablet methode)	0.00–18.00mg/l Br ₂	50 tablets DPD N° 1 Photometer 50 tablets Glycine Photometer (Auxiliary)
PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B TbsHGC50	Bromine (Liquid methode)	0.00–9.00mg/l Br ₂	30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 50 tablets Glycine Photometer (Auxiliary)
POL20CH1 POL20CH2	Calcium Hardness	0–500mg/l CaCO ₃	20 ml Calcium Hardness N°1 (50 tests) 20 ml Calcium Hardness N°2 (50 tests)
TbsPD150 TbsPD350	Chlorine (fCl/cCl/tCl) (Tablet methode)	0.00–8.00mg/l Cl ⁻	50 tablets DPD N° 1 Photometer 50 tablets DPD N° 3 Photometer
PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B PL30DPD3C PL65DPD3C	Chlorine (fCl/cCl/tCl) (Liquid methode)	0.00–4.00mg/l Cl ⁻	30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 30 ml DPD 3C Liquid 65 ml DPD 3C Liquid
TbsPD150 TbsHGC50	Chlorine Dioxide (Tablet methode)	0.00–15.00mg/l ClO ₂	50 tablets DPD N° 1 Photometer 50 tablets Glycine Photometer (Auxiliary)
PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B TbsHGC50	Chlorine Dioxide (Liquid methode)	0.00–7.60mg/l ClO ₂	30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 50 tablets Glycine Photometer (Auxiliary)
TbsPCAT50	Cyanuric Acid (Stabilizer)	0–160mg/l Cya	50 tablets CYA-Test Photometer
TbsPHP50	Hydrogen Peroxide LR	0.00–2.90mg/l H ₂ O ₂	50 tablets Hydrogen Peroxide LR Photometer
PPPHPR50 TbsHAFPP50	Hydrogen Peroxide HR	0–200mg/l H ₂ O ₂	50 Powder Pillows Hydrogen Peroxide HR Photometer 50 tablets Acidifying PT Photometer (Auxiliary)
TbsPD150 TbsPD350 TbsHGC50	Ozone (Tablet methode)	0.00–5.40mg/l O ₃	50 tablets DPD N° 1 Photometer 50 tablets DPD N° 3 Photometer 50 tablets Glycine Photometer (Auxiliary)



PoolLAB[®] 1.0 PHOTOMETER

2/2

Item-Code	Parameter	Measurement Range	Reagent
PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B PL30DPD3C PL65DPD3C TbsHGC50	Ozone (Liquid methode)	0.00–2.70mg/l O ₃	30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 30 ml DPD 3C Liquid 65 ml DPD 3C Liquid 50 tablets Glycine Photometer (Auxiliary)
TbsPpH50	pH (Tablet methode)	pH 6.50 – 8.40	50 tablets Phenol Red Photometer
PL65PhenRed	pH (Liquid methode)	pH 6.50 – 8.40	65 ml Phenol Red Liquid
TbsPPB	PHMB	5–60mg/l PHMB	50 tablets PHMB Photometer
POL20TH1 POL20TH2	Total Hardness	0–500mg/l CaCO ₃	20 ml Total Hardness 1 Photometer 10 ml Total Hardness 2 Photometer
POL4Urea1 POL4Urea2 PPHAM1 PPHAM2 TbsHDC50	Urea	0.00–2.50mg/l CH ₆ N ₂ O	4 ml PL Urea 1 2 ml PL Urea 2 50 powder pillows Ammonia N° 1 50 powder pillows Ammonia N° 2 50 tablets Dechlor (Auxiliary)
POL01-Ref	--	--	Tablet refill pack: 20 tablets DPD N° 1 Photometer 10 tablets DPD N° 3 Photometer 20 tablets Phenol Red Photometer 10 tablets Alkalinity-M Photometer 10 tablets CYA-Test Photometer

PoolLAB 2.0[®]

PHOTOMETER

1 / 3



Item-Code	Parameter	Measurement Range	Reagent
TbsPD450	Active Oxygen	0.00–20.00mg/l MPS	50 tablets DPD N°4 Photometer
TbsPTA50	Alkalinity-M	0–200mg/l CaCO ₃	50 tablets Alkalinity-M Photometer
TbsHALM150 TbsPALM250	Aluminium	0.00–0.30mg/l Al ³⁺	50 tablets Aluminium N°1 Photometer 50 tablets Aluminium N°2 Photometer
PPHAM150 PPPAM250	Ammonia	0.00–1.20mg/l NH ₃	50 powder pillows Ammonia N°1 Photometer 50 powder pillows Ammonia N°2 Photometer
TbsPD150 TbsHGC50	Bromine (Tablet methode)	0.00–13.00mg/l Br ₂	50 tablets DPD N°1 Photometer 50 tablets Glycine Photometer (Auxiliary)
TbsHGC50 PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B	Bromine (Liquid methode)	0.00–9.00mg/l Br ₂	50 tablets Glycine Photometer (Auxiliary) 30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid
POL2020CH12	Calcium Hardness	0–500mg/l CaCO ₃	20/20 ml Calcium Hardness 1 and 2
TbsPD150 TbsPD250 TbsPD350	Chloramines	0.00–6.00mg/l fCl ₂ 0.00–8.70mg/l NH ₂ Cl 0.00–14.50mg/l NHCl ₂	50 tablets DPD N°1 Photometer 50 tablets DPD N°2 Photometer 50 tablets DPD N°3 Photometer
TbsPD150 TbsPD350	Chlorine (fCl/cCl/tCl) (Tablet methode)	0.00–6.00mg/l Cl ₂	50 tablets DPD N°1 Photometer 50 tablets DPD N°3 Photometer
PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B PL30DPD3C PL65DPD3C	Chlorine (fCl/cCl/tCl) (Liquid methode)	0.00–4.00mg/l Cl ₂	30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 30 ml DPD 3C Liquid 65 ml DPD 3C Liquid
PPPCLHR50 PPHAFG50	Chlorine HR (KI)	5–200mg/l Cl ₂	50 powder pillows Chlorine HR (KI) Photometer 50 powder pillows Acidifying GP (Auxiliary)
TbsPD150 TbsHGC50	Chlorine Dioxide (Tablet methode)	0.00–11.00mg/l ClO ₂	50 tablets DPD N°1 Photometer 50 tablets Glycine Photometer (Auxiliary)
TbsHGC50 PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B	Chlorine Dioxide (Liquid methode)	0.00–7.50mg/l ClO ₂	50 tablets Glycine Photometer (Auxiliary) 30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid
TbsHCu150 TbsHCu250	Copper	0.0–5.00mg/l Cu ²⁺	50 tablets Copper N°1 Photometer 50 tablets Copper N°2 Photometer



PoolLAB 2.0[®]

PHOTOMETER

2/3

Item-Code	Parameter	Measurement Range	Reagent
TbsPCAT50	Cyanuric Acid	0–100mg/l Cya	50 tablets CYA-Test Photometer
TbsPHP50	Hydrogen Peroxide LR	0.00–2.40mg/l H ₂ O ₂	50 tablets Hydrogen Peroxide LR Photometer
TbsHAFPP50 PPPHPHR50	Hydrogen Peroxide HR	0–180mg/l H ₂ O ₂	50 tablets Acidifying PT Photometer 50 powder pillows Hydrogen Peroxide HR Photometer
TbsPILR50	Iron	0.00–1.00mg/l Fe ^{2+/3+}	50 tablets Iron LR Photometer
PPHNitra150 PPPNitra250	Nitrate	1–50mg/l NO ₃ ⁻	50 powder pillows Nitrate N°1 Photometer 50 powder pillows Nitrate N°2 Photometer
PPPNILR50	Nitrate	0.00–1.50mg/l NO ₂ ⁻	50 powder pillows Nitrite LR Photometer
TbsPD150 TbsPD350 TbsHGC50	Ozone (Tablet methode)	0.00–4.00mg/l O ₃	50 tablets DPD N°1 Photometer 50 tablets DPD N°3 Photometer 50 tablets Glycine Photometer (Auxiliary)
TbsHGC50 PL30DPD1A PL65DPD1A PL30DPD1B PL65DPD1B PL30DPD3C PL65DPD3C	Ozone (Liquid methode)	0.00–2.70mg/l O	50 tablets Glycine Photometer (Auxiliary) 30 ml DPD 1A Liquid 65 ml DPD 1A Liquid 30 ml DPD 1B Liquid 65 ml DPD 1B Liquid 30 ml DPD 3C Liquid 65 ml DPD 3C Liquid
PL65PhenRed TbsPpH50	pH	pH 6.50 – 8.40	65 ml Phenol Red Liquid 50 tablets Phenol Red Photometer
TbsPPB50	PHMB	5–60mg/l PHMB	50 tablets PHMB Photometer
PPHPPLR150 TbsPPPLR250	Phosphate LR	0.00–4.00mg/l PO ₄ ³⁻	50 powder pillows Phosphate LR N°1 Photometer 50 tablets Phosphate LR N°2 Photometer
PPHPPLR150 TbsPPPHR250	Phosphate HR	0–80mg/l PO ₄ ³⁻	50 powder pillows Phosphate HR N°1 Photometer 50 tablets Phosphate LR N°2 Photometer
TbsPPTST50	Potassium	0.7–12.0mg/l K ⁺	50 tablets Potassium Photometer
PPPSULP50	Sulphate	5–100mg/l SO ₄ ²⁻	50 powder-pillows Sulphate Photometer
POL2010TH12	Total Hardness	0–500mg/l CaCO ₃	20/10 ml Total Hardness 1 and 2
POL42Urea12 PPHAM150 PPPHAM250 TbsHDC50	Urea	0.10–2.50mg/l CH ₄ N ₂ O	4 ml Urea 1 and 2 ml Urea 2 50 powder pillows Ammonia N°1 Photometer 50 powder pillows Ammonia N°2 Photometer 50 tablets Dechlor (Auxiliary)

PoolLAB 2.0[®]

PHOTOMETER

3/3



Item-Code	Parameter	Measurement Range	Reagent
TbsPCZ50 TbsHED50 TbsHDC50	Zinc (with chlorine)	0.00–1.00mg/l Zn ²⁺	50 tablets Copper/Zinc LR Photometer 50 tablets EDTA (Auxiliary) 50 tablets Dechlor (Auxiliary)
POL-Ref	--	--	Tablet refill pack: 20 tablets DPD N° 1 Photometer 10 tablets DPD N° 3 Photometer 20 tablets Phenol Red Photometer 0 tablets Alkalinity-M Photometer 10 tablets CYA-Test Photometer





COMPARATOR

1 / 3

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPD4	Active Oxygen (MPS)	0 – 200 mg/l CaCO_3	DPD N°4	Tablet
TbsPTA	Alkalinity	0.00 – 0.30 mg/l Al^{3+}	Alkalinity-M	Tablet
TbsHALM1 TbsHALM2	Aluminium	0.00 – 1.00 mg/l N	Aluminium N°1 Aluminium N°2	Tablet Tablet
PPHAM1 PPHAM2	Ammonia	0.00 – 1.00 mg/l N	Ammonia N°1 Ammonia N°2	Powder Pillow Powder Pillow
TbsPD1 TbsPD1HC	Bromine	0.0 – 10.0 mg/l Br_2	DPD N°1 DPD N°1 High Calcium	Tablet Tablet
TbsHCH1 TbsHCH2	Calcium Hardness	0 – 500 mg/l CaCO_3	Calcium Hardness N°1 Calcium Hardness N°2	Tablet Tablet
PL30OxyScav1 PL30OxyScav2	Carbohydrazide	0.00 – 0.65 mg/l $\text{CH}_6\text{N}_4\text{O}$	Oxygen Scavenger 1 Oxygen Scavenger 2	Liquid Liquid
TbsHCRD1 TbsHCRD2	Chloride	0 – 40 mg/l Cl^-	Chloride N°1 Chloride N°2	Tablet Tablet
TbsPD1 TbsPD1HC TbsPD3 PPHAFG	Chlorine LR	0.00 – 1.00 mg/l Cl_2	DPD N°1 DPD N°1 High Calcium DPD N°3 Acidifying GP	Tablet Tablet Tablet Auxiliary
TbsPD1 TbsPD1HC TbsPD3 PPHAFG	Chlorine HR	0.0 – 5.0 mg/l Cl_2	DPD N°1 DPD N°1 High Calcium DPD N°3 Acidifying GP	Tablet Tablet Tablet Auxiliary
PPPCIHR	Chlorine VHR	10 – 300mg/l Cl_2	Chlorine HR KI	Powder Pillow
TbsPD1 TbsPD1HC TbsHGC	Chlorine Dioxide LR	0.00 – 1.90 mg/l ClO_2	DPD N°1 DPD N°1 High Calcium Glycine	Tablet Tablet Tablet
TbsPD1 TbsPD1HC TbsHGC	Chlorine Dioxide HR	0.00 – 6.65 mg/l ClO_2	DPD N°1 DPD N°1 High Calcium Glycine	Tablet Tablet Tablet
TbsHCu1 TbsHCu2	Copper	0.0 – 5.0 mg/l $\text{Cu}^{2+}/\text{Zn}^{2+}$	Copper N°1 Copper N°2	Tablet Tablet
TbsPCZLR TbsHDC TbsHED	Copper / Zinc LR	0.0 – 1.0 mg/l $\text{Cu}^{2+}/\text{Zn}^{2+}$	Copper Zinc LR Dechlor EDTA	Tablet Auxiliary Auxiliary

COMPARATOR

2/3



Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPCZHR TbsHDC TbsHED	Copper / Zinc HR	0.00 – 5.00 mg/l $\text{Cu}^{2+}/\text{Zn}^{2+}$	Copper Zinc HR Dechlor EDTA	Tablet Auxiliary Auxiliary
TbsPCAT	Cyanuric Acid	10 – 80 mg/l Cya	CYA-Test	Tablet
LR30Dehatest LR65Dehaindic	DEHA	0.00 – 0.50 mg/l DEHA	DEHA Test Solution DEHA Indicator	Liquid Liquid
PL65Fluoride1 PL65Fluoride2	Fluoride	0.0– 2.0 mg/l F^{-}	Fluoride 1 Fluoride 2	Liquid Liquid
TbsRHP TbsHAFPP	Hydrogen Peroxide	5 – 50 mg/l H_2O_2	Hydrogen Peroxide Acidifying PT	Tablet Auxiliary
TbsPILR	Iron LR	0.05 – 1.00 mg/l $\text{Fe}^{2+}/\text{Fe}^{3+}$	Iron LR	Tablet
TbsPIHR	Iron LR	1.0 – 10.0 mg/l $\text{Fe}^{2+}/\text{Fe}^{3+}$	Iron HR	Tablet
TbsPmag	Magnesium	0 – 100 mg/l Mg^{2+}	Magnesium	Tablet
PPHMGNSLR1 PPHMGNSLR2	Manganese	0.00 – 5.00 mg/l Mn^{2+}	Manganese LR N°1 Manganese LR N°2	Powder Pillow Powder Pillow
TbsHMDH1 TbsHMDH2	Molybdate HR	0 – 100 mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
PPHNitra1 PPHNitra2	Nitrate HR	1 – 100 mg/l NO_3	Nitrate HR N°1 Nitrate HR N°2	Powder Pillow Powder Pillow
PPPNiLR	Nitrite LR	0.0 – 0.5 mg/l NO_2^{-}	Nitrite LR	Powder Pillow
TbsPD1 TbsPD1HC TbsPD3 TbsHGC	Ozone	0.0 – 3.4 mg/l O_3	DPD N°1 DPD N°1 High Calcium DPD N°3 Glycine	Tablet Tablet Tablet Tablet
TbsPpH TbsPUPH	pH	pH 6.5 – 8.4 pH 4.0 – 10.0	Phenol Red Universal pH	Tablet Tablet
TbsRPB50	PHMB	10 – 100 mg/l PHMB	PHMB	Tablet
PPHPPLR1 TbsPPPLR2	Phosphate LR	0.00 – 4.00 mg/l PO_4^{3-}	Phosphate LR N°1 Phosphate LR N°2	Powder Pillow
PPCPP	Phosphate HR	0 – 80 mg/l PO_4^{3-}	Phosphate HR	Powder Pillow
TbsPPTST	Potassium	0.8 – 12.0 mg/l K^{+}	Potassium	Tablet



COMPARATOR

3/3

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPQAC PPHAFG	QAC HR	0 – 200 mg/l QAC	QAC HR Acidifying GP	Tablet Auxiliary
PL25SiLR1 PL25SiLR2 PPPSiI3	Silica LR	0.00 – 5.00 mg/l SiO ₂	Silica N°1 Silica N°2 Silica N°3	Liquid Liquid Powder Pillow
PLpow20SiHR1 PLpow20SiHR2 PLpow10SiHR3	Silica LR	0 – 100 mg/l SiO ₂	Silica HR 1 Silica HR 2 Silica HR 3	Powder Powder Powder
PPPCIHR PPHAFG	Sodium Hypochloride	2 – 18 % NaOC	Chlorine HR KI Acidifying GP	Powder Pillow Auxiliary
PPPSULP	Sulphate	0 – 100 mg/l SO ₄ ²⁻	Sulphate Photometer	Powder Pillow
TbsHSULFD1 TbsHSULFD2	Sulphide	0.04 – 0.50 mg/l S ²⁻	Sulphide N°1 Sulphide N°2	Tablet Tablet
TbsPTH	Total Hardness	0 – 500 mg/l CaCO ₃	Total Hardness	Tablet

FLEXI TESTER®

1/3



Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPD4	Active Oxygen (MPS)	0 – 20 mg/l MPS	DPD N°4	Tablet
TbsRAT	Alkalinity	0 – 250 mg/l CaCO ₃	Alkatest	Tablet
TbsHALM1 TbsHALM2	Aluminium	0.00 – 0.30 mg/l Al ³⁺	Aluminium N°1 Aluminium N°2	Tablet Tablet
PPHAM1 PPHAM2	Ammonia	0.00 – 1.00 mg/l N	Ammonia N°1 Ammonia N°2	Powder Pillow Powder Pillow
TbsPD1 TbsPD1HC	Bromine	0.0 – 10.0 mg/l Br ₂	DPD N°1 DPD N°1 High Calcium	Tablet Tablet
TbsHCH1 TbsHCH2	Calcium Hardness	0 – 500 mg/l CaCO ₃	Calcium Hardness N°1 Calcium Hardness N°2	Tablet Tablet
PL30OxyScav1 PL30OxyScav2	Carbohydrazide	0.00 – 0.65 mg/l CH ₆ N ₄ O	Oxygen Scavenger 1 Oxygen Scavenger 2	Liquid Liquid
TbsPD1 TbsPD1HC TbsPD3 PPHAFG	Chlorine LR	0.0 – 1.0 mg/l Cl ₂	DPD N°1 DPD N°1 High Calcium DPD N°3 Acidifying GP	Tablet Tablet Tablet Auxiliary
TbsPD1 TbsPD1HC TbsPD3 PPHAFG	Chlorine HR	0.0 – 5.0 mg/l Cl ₂	DPD N°1 DPD N°1 High Calcium DPD N°3 Acidifying GP	Tablet Tablet Tablet Auxiliary
PPPCIHR	Chlorine VHR	10 – 300 mg/l Cl ₂	Chlorine HR KI	Powder Pillow
TbsPD1 TbsPD1HC TbsHGC	Chlorine Dioxide LR	0.00 – 1.90 mg/l ClO ₂	DPD N°1 DPD N°1 High Calcium Glycine	Tablet Tablet Tablet
TbsPD1 TbsPD1HC TbsHGC	Chlorine Dioxide HR	0.00 – 6.65 mg/l ClO ₂	DPD N°1 DPD N°1 High Calcium Glycine	Tablet Tablet Tablet
TbsHCRD1 TbsHCRD2	Chloride	0.0 – 5.0 mg/l Cu ²⁺	Chloride N°1 Chloride N°2	Tablet Tablet
TbsHCu1 TbsHCu2	Copper	0.0 – 1.0 mg/l Cu ²⁺ /Zn ²⁺	Copper N°1 Copper N°2	Tablet Tablet
TbsPCZLR TbsHDC TbsHED	Copper / Zinc LR		Copper Zinc LR Dechlor EDTA	Tablet Powder Pillow Powder Pillow



FLEXI TESTER®

2/3

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPCZHR TbsHDC TbsHED	Copper / Zinc HR	0.00 – 5.00 mg/l $\text{Cu}^{2+}/\text{Zn}^{2+}$	Copper Zinc HR Dechlor EDTA	Tablet Auxiliary Auxiliary
TbsPCAT	Cyanuric Acid	20 – 80 mg/l Cya	CYA-Test	Tablet
LR30Dehatest LR65Dehaindic	DEHA	0.00 – 0.50 mg/l DEHA	DEHA Test Solution DEHA Indicator	Liquids Liquids
PL65Fluoride1 PL65Fluoride2	Fluoride	0.0 – 2.0 mg/l F^-	Fluoride 1 Fluoride 2	Liquids Liquids
TbsRHP TbsHAFPR	Hydrogen Peroxide	5– 50 mg/l H_2O_2	Hydrogen Peroxide Acidifying PT	Tablet Auxiliary
TbsPILR	Iron LR	0.05 – 1.00 mg/l $\text{Fe}^{2+}/\text{Fe}^{3+}$	Iron LR	Tablet
TbsPIHR	Iron HR	1.0 – 10.0 mg/l $\text{Fe}^{2+}/\text{Fe}^{3+}$	Iron HR	Tablet
TbsPmag	Magnesium	0 – 100 mg/l Mg^{2+}	Magnesium	Tablet
PPHMGNSLR1 PPHMGNSLR2	Manganese	0.00 – 5.00 mg/l Mn^{2+}	Manganese LR N°1 Manganese LR N°2	Powder Pillow Powder Pillow
TbsHMDH1 TbsHMDH2	Molybdate HR	0 – 100 mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
TbsHMDH1 TbsHMDH2	Molybdate VHR	0–500mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
PPHNitra1 PPHNitra2	Nitrate HR	1 – 100 mg/l NO_3^-	Nitrate HR N°1 Nitrate HR N°2	Powder Pillow Powder Pillow
PPPNiLR	Nitrate LR	0.00 – 0.50 mg/l NO_2^-	Nitrite LR	Powder Pillow
TbsPD1 TbsPD1HC TbsPD3 TbsHGC	Ozone	0.00 – 3.40 mg/l O_3	DPD N°1 DPD N°1 High Calcium DPD N°3 Glycine	Tablet Tablet Tablet Tablet
TbsPPH TbsPUPH	pH	pH 6.5 – 8.4 pH 4.0 – 10.0	Phenol Red Universal pH	Tablet Tablet
TbsRPB50	PHMB	10 – 100 mg/l PHMB	PHMB	Tablet
PPHPPLR1 TbsPPPLR2	Phosphate LR	0.00 – 4.00 mg/l PO_4^{3-}	Phosphate LR N°1 Phosphate LR N°2	Powder Pillow Tablet
PPCPP	Phosphate HR	0 – 80 mg/l PO_4^{3-}	Phosphate HR	Powder Pillow

FLEXI TESTER®

3/3



Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPPTST	Potassium	0 – 12 mg/l K ⁺	Potassium	Tablet
TbsPQAC PPHAFG	QAC HR	0 – 200 mg/l QAC	QAC HR Acidifying GP	Tablet Auxiliary
PL25SiLR1 PL25SiLR2 PPPSiI3	Silica LR	0.00 – 5.00 mg/l SiO ₂	Silica N°1 Silica N°2 Silica N°3	Liquid Liquid Powder Pillow
PLpow20SiHR1 PLpow20SiHR2 PLpow20SiHR3	Silica HR	0 – 100 mg/l SiO ₂	Silica HR 1 Silica HR 2 Silica HR 3	Powder Powder Powder
PPPCIHR PPHAFG	Sodium-Hypochloride	2– 18 % NaOCl	Chlorine HR KI Acidifying GP	Powder Pillow Auxiliary
PPPSULP	Sulphate	0 – 100 mg/l SO ₄ ²⁻	Sulphate Photometer	Powder Pillow
TbsHSULFD1 TbsHSULFD2	Sulphide	0.04 – 0.50 mg/l S ²⁻	Sulphide N°1 Sulphide N°2	Tablet Tablet
TbsPTH	Total Hardness	0 – 500 mg/l CaCO ₃	Total Hardness	Tablet
TbsPCZLR TbsHDC TbsHED	Zinc	0.0–1.0mg/l Zn ²⁺	Copper Zinc LR Dechlor EDTA	Tablet Auxiliary Auxiliary



MINI-KITS

1 / 2

Box size (...50 / ...100 / ...200 / ...250 / ...500)

Item-Code	Name Parameter →	Measurement Range	Reagent	Category
...TbsRTA	SVZ500 Alkalinity-M →	500mg/l CaCO_3 -10	Total Alkalinity TC Tablet Count	RAPID
...TbsRAP	SVZ555/SVZ550 Alkalinity-P →	500mg/l CaCO_3 -20	Alkalinity-P TC	RAPID
...PPHAPB	SVZ555 Alkalinity-P →	Auxiliary reagent	TC (Alkalinity-P) (BaCl_2 Tablet Count	RAPID
...TbsRCH	Alkalinity-P → Calcium Hardness →	500mg/l CaCO_3 -10	Calcium Hardness TC Tablet Count	RAPID
PPHCHSWC	SVZ1300 Calcium Hardness →	Auxiliary reagent	Sea Water Conductivity Powder	Powder Pillow
...TbsRCD	...TbsRCD Chloride →	~5000mg/l Cl -0	Chloride TC Tablet Count	RAPID
...TbsRCAS	SVZ2700 Cleaning Acid Strength →	.Acid %10.00- 0.75	CAS Tablet Count	RAPID
...TbsPCAT	SVT1100 Cyanuric Acid →	mg/l Cya 200 - 20	CYA Test	Photometer
...TbsRNT2	SVZ1700 Nitrite →	mg/l NaNO_2 2800-70	2°Nitrite N Tablet Count	RAPID
...TbsHNT1	SVZ1700 Nitrite →	Auxiliary reagent	1°Nitrite N Tablet Count	RAPID
...TbsRPerm	SVS2800 Permanganate Value →	30 → 0 PV Perm. Value / BOD / COD / TOC	*Permanganate Value	RAPID Tablet Count
...PPHASE	SVS2800 Permanganate Value →		Acidifying SE Powder Pillow	RAPID
65-SVR-TKP1	SVZ3700 Phosphonate →	.20mg/l Phos-0	"PBTC Buffer - TKP1,"	Liquid
65-SVR-TKP5	SVZ3700 Phosphonate →	.20mg/l Phos-0	"PBTC Titrant - TKP5,"	Liquid
65-SVR-TKP14L	SVZ3700 Phosphonate →	.20mg/l Phos-0	"TKP14L - PBTC Indicator,"	Liquid

*BOD Sewage 0 → 150 | BOD Effluent 0 → 45 | COD Sewage 0 → 300 | COD Effluent 0 → 210 | TOC Sewage 0 → 90 | TOC Effluent 0 → 6

MINI-KITS

2/2



Box size (...50 / ...100 / ...200 / ...250 / ...500)

Item-Code	Name Parameter →	Measurement Range	Reagent	Category
...TbsHSPI	SVZ1850/SVZ1800 Sulphite →	Auxiliary reagent	1°Sulphite N Tablet Count	RAPID
...TbsRSPI2	SVZ1800 Sulphite LR →	mg/l Na_2SO_3 50 –2	(LR) 2.Sulphite No Tablet Count	RAPID
...TbsRSPIH2	SVZ1850 Sulphite HR →	mg/l Na_2SO_3 500 –10	(HR) 2.Sulphite No Tablet Count	RAPID
..TbsRTH	SVZ1400 Total Hardness HR →	mg/l CaCO_3 500–10	Total Hardness TC Tablet Count	RAPID
...TbsRTHLR	SVZ1450 Total Hardness LR →	mg/l CaCO_3 500 –10	Total Hardness LR TC Tablet Count	RAPID
...TbsRTHJN	SVJ1400 Total Hardness yes-no →	mg/l CaCO_3 20 / 8 / 4	Hardness yes/no Tablet Count	RAPID



POOLTESTER

SINGLE PACKS

Box size (...50 / ...100 / ...200 / ...250 / ...500)

Item-Code	PT/PTM	Parameter	Measurement Range	Reagent	Category
TbsRpH...	PT100	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsRD1...		Chlorine	0.1–1.0mg/l Cl_2	DPD N°1	RAPID
TbsRD1HC...			0.5–6.0mg/l Cl_2	DPD N°1 HC*	RAPID
TbsRD3...				DPD N°3	RAPID
TbsRD1...		Bromine	0.2–2.3mg/l Br_2	DPD N°1	RAPID
TbsRD1HC...			1.1–13.5mg/l Br_2	DPD N°1 HC*	RAPID
TbsRpH...	PT200	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsRD4...		Active Oxygen	0.0–15.0mg/l MPS	DPD N°4	RAPID
TbsRpH...	PT300	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsRHP...		Hydrogen Peroxide	5–50mg/l H_2O_2	Hydrogen Peroxide HR	RAPID
TbsRPB...		PHMB	10–100mg/l PHMB	PHMB	RAPID
TbsRpH...	PT400	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsPCZ...		Copper / Zinc	0.1–0.9mg/l Cu^{2+}	Copper/Zinc LR	PHOTOMETER
TbsRpH...	PT500	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsRAT...		Alkalinity	0–250mg/l CaCO_3	Alkatest	RAPID
TbsRD1...		Chlorine	0.1–5.0mg/l Cl_2	DPD N°1	RAPID
TbsRD1HC...				DPD N°1 HC*	RAPID
TbsRD3...				DPD N°3	RAPID
TbsRD1...		Bromine	0.2–11.3mg/l Br_2	DPD N°1	RAPID
TbsRD1HC...				DPD N°1 HC*	RAPID
TbsRpH...	PT1500	pH	pH 6.8 – 8.2	Phenol Red	RAPID
TbsRQA...		QAC	0–150mg/l QAC	QAC (HR)	RAPID
TbsRpH...	PTM100	pH	pH 6.8 – 8.0	Phenol Red	RAPID
TbsRD1...		Chlorine	0.1–5.0mg/l Cl_2	DPD N°1	RAPID
TbsRD1HC...				DPD N°1 HC*	RAPID
TbsRD3...				DPD N°3	RAPID
TbsRD1...		Bromine	0.2–11.3mg/l Br_2	DPD N°1	RAPID
TbsRD1HC...				DPD N°1 HC*	RAPID
TbsRpH...	PTM200	pH	pH 6.8 – 8.0	Phenol Red	RAPID
TbsRD4...		Active Oxygen	0.0–15.0mg/l MPS	DPD N°4	RAPID
TbsRpH...	PTM900	pH	pH 6.8 – 8.0	Phenol Red	RAPID
TbsRD1...		Chlorine Dioxide	1.0–9.5mg/l ClO_2	DPD N°1	RAPID

* instead of DPD N°1 tablets, if your sample contains high values of calcium.

POOLTESTER



MIXED PACKS

Item-Code	PT/PTM	Reagents	Amount of Tablets
TbsRD1pH60	PT100 & PTM100	Phenol Red RAPID DPD N°1 RAPID	30 each
TbsRD4pH60	PT200 & PTM200	Phenol Red RAPID DPD N°4 RAPID	30 each
TbsRPBO2pH80	PT300	Phenol Red RAPID Hydrogen Peroxide HR PHMB RAPID Acidifying PT	20 each
TbsRCupH80	PT400	Phenol Red RAPID Copper/Zinc LR EDTA Dechlor	20 each
TbsRD1pHAL60	PT500	Phenol Red RAPID DPD N°1 RAPID Alkatest RAPID	20 each
TbsRQAAF60	PT1500	Phenol Red RAPID QAC (HR) RAPID Acidifying GP	20 each
TbsRD1pHGC60	PTM900	Phenol Red RAPID DPD N°1 RAPID Glycine	20 each



BALANCED WATER KITS

Box size (...50 / ...100 / ...200 / ...250 / ...500)

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPD1... TbsPD1HC..	Bromine	0.0 – 10.0 mg/l Br ₂	DPD N°1 DPD N°1 High Calcium	Comparator Comparator
TbsRCH...	Calcium Hardness	10 – 500 mg/l CaCO ₃	Calcium Hardness TC	Tablet Count
TbsPD1... TbsPD1HC... TbsPD3...	Chlorine	0.0 – 5.0 mg/l Cl ₂	DPD N°1 DPD N°1 High Calcium DPD N°3	Comparator Comparator Comparator
TbsPCAT...	Cyanuric Acid	10 – 80 mg/l Cya	CYA-Test	Comparator
TbsPph...	pH	pH 6.5 – 8.4	Phenol Red	Comparator
TbsRTA...	Total Alkalinity	10 – 500 mg/l CaCO ₃	Total Alkalinity TC	Tablet Count



Headquarters and Production

Water-i.d.® GmbH

Daimlerstr. 20
76344 Eggenstein
Germany
Tel. +49 (0) 721 - 78 20 29 0
Fax. +49 (0) 721 - 78 20 29 11
www.water-id.com
info@water-id.com

Water-i.d.® UK

Unit 1, Gilchrist Thomas Industrial Estate
Blaenavon, Pontypool, Torfaen
NP4 9RL
Great Britain / UK
www.water-id.com
uk@water-id.com

Water-i.d.® International FZC

Q1/08-31C SAIF Zone
Airport Road, Sharjah
UAE (United Arab Emirates)
Tel. +971 (0) 50 500 7081
www.water-id.com
UAE@water-id.com

Water-i.d.® India Pvt. Ltd.

ANM House, Plot No. A-141
Road No. 23, Wagle Industrial Area
Thane (W) 400604
India
Tel. +91 (0) 22 - 66 14 15 15
Fax +91 (0) 22 - 66 68 16 00
www.water-id.in
info@water-id.in

Water-i.d.® USA

458 Elizabeth Ave., Suite #5117
Somerset, NJ 08873
USA
Tel. (732) 884-5426
Fax (732) 884-5430
www.water-id.com
USA@water-id.com

Water-i.d.® Russia LLC

Borisovskaya Str., build. 9, office 14a
Moscow, Russian federation
Tel.: +7 909 92 23 28 8
www.water-id.ru
info@water-id.ru

Water-i.d.® Biotica, S.L.

Avenida Vicente Sos Baynat
Parque Científico
Tecnológico y Empresarial de la Universidad Jaume I Campus Riu Sec
Avda. Sos Baynat Edificio Espaitec II
PB (UB1018SD y UB1019SD)
12071 Castellón de la Plana
España