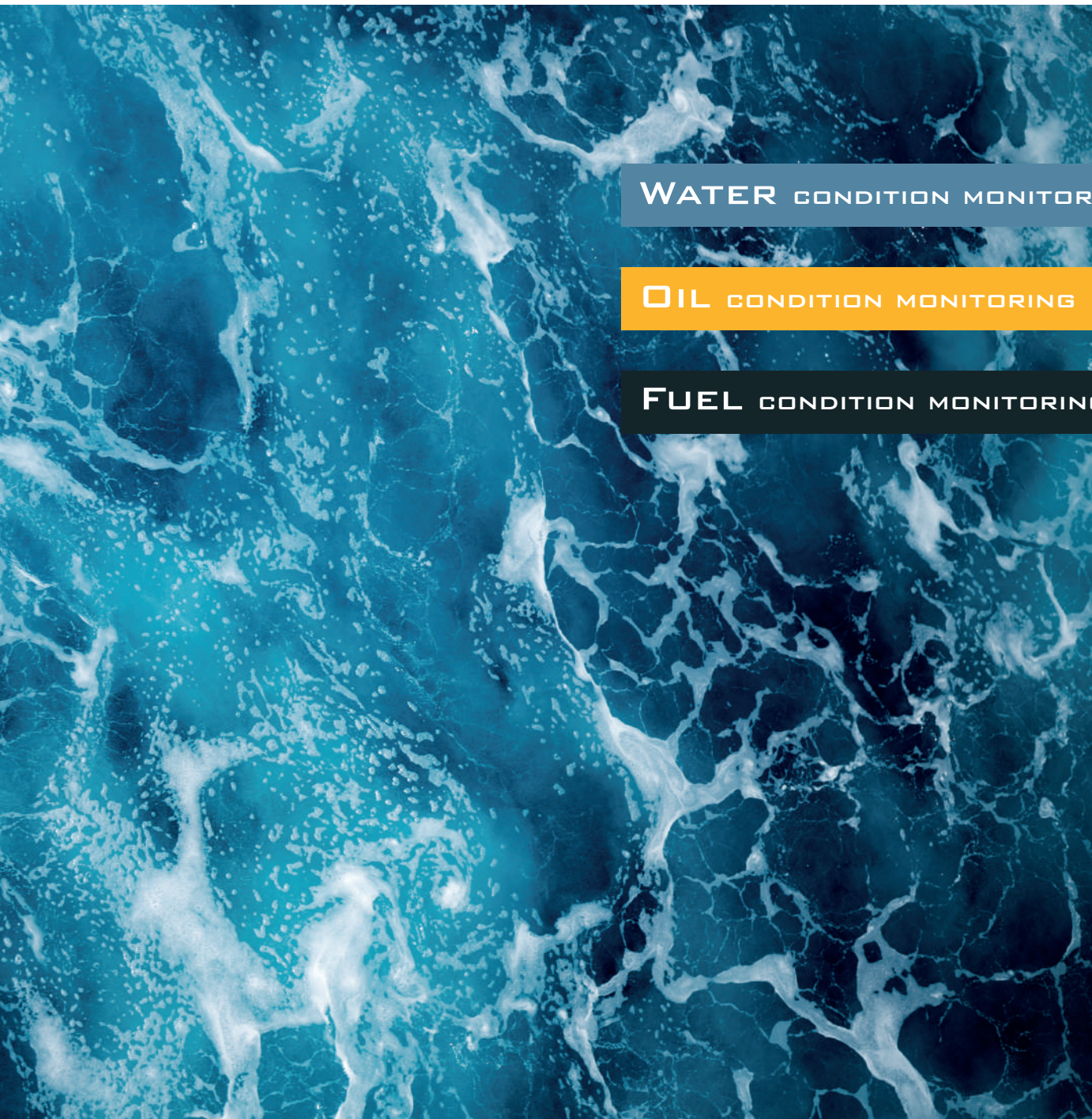


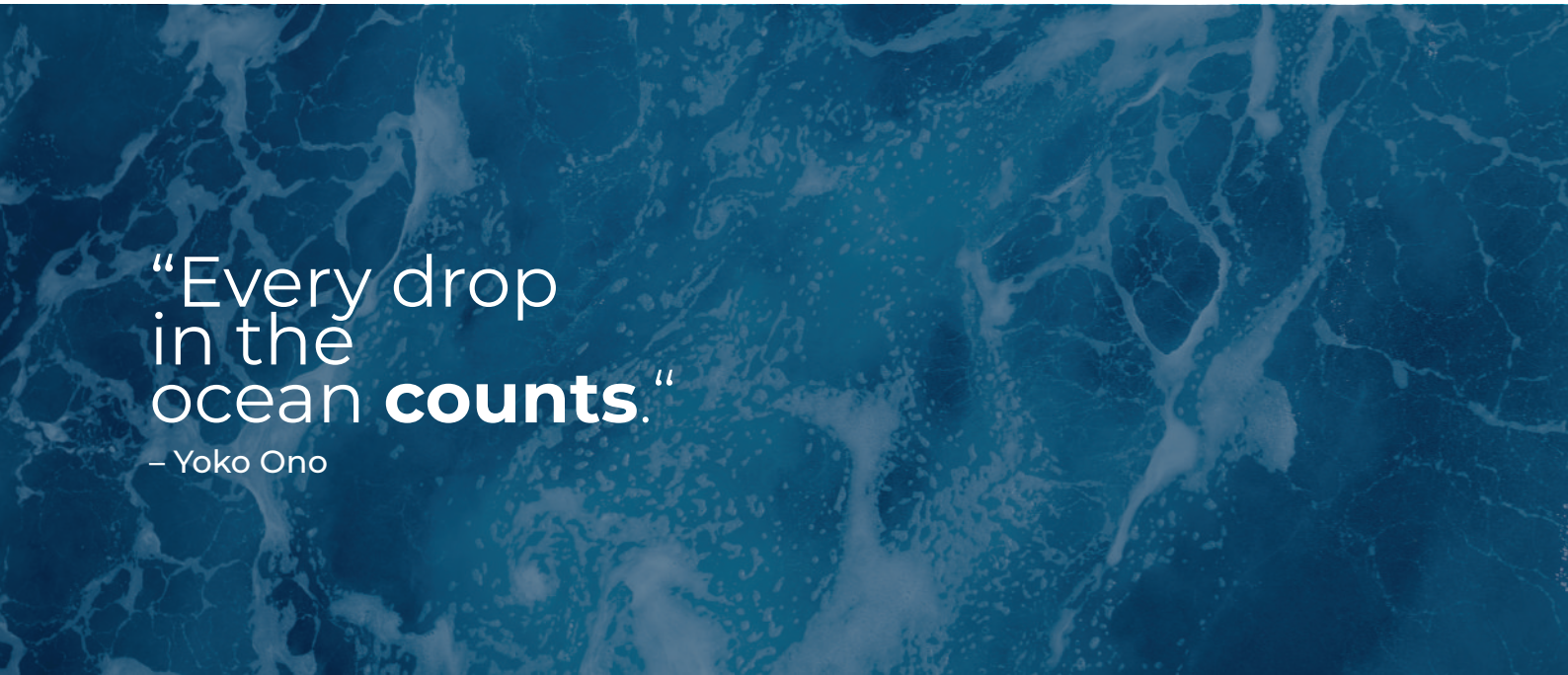
INNOVATIVE MARINE TESTING EQUIPMENT



WATER CONDITION MONITORING

OIL CONDITION MONITORING

FUEL CONDITION MONITORING



“Every drop
in the
ocean **counts.**”

– Yoko Ono

About us

We at Water-i.d.® are proud to present our new Marine catalogue, with a comprehensive variety of products for all kinds of condition monitoring in different sectors and industries. Over 150 types of reagents (tablets, powders, tube tests), photometers, fuel- and lubricant test devices, 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 and by various bodies for its innovative strength. Whether tablet press-through blisters, photometers with ® 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 marine 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 the UK (Blaenavon), in Russia (Moscow), in the USA (Somerset/NJ), in India (Thane) and in the United Arab Emirates (Sharjah). 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.

Tim Damrau
(Director of marine department | Project development manager)

WATER CONDITION MONITORING



OIL CONDITION MONITORING



FUEL CONDITION MONITORING

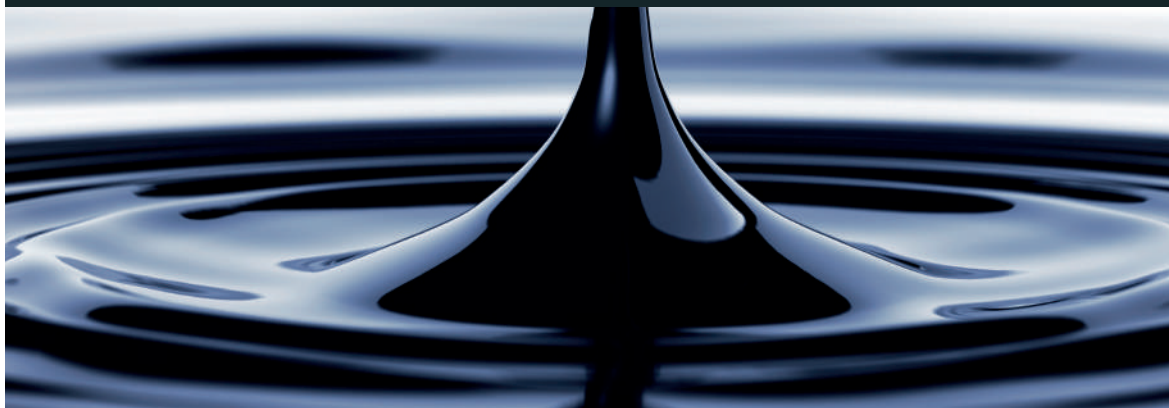


TABLE OF CONTENTS

Digital Test Devices

PrimeLab 2.0	8
EasyShaker 2.0	22

Pre-Set-Kits

Starter	26
Boiler Water	28
Cooling Water	32
Potable & Fresh Water	36
Ballast & Sewage Water	42
Oil Condition Monitoring	48
Fuel Condition Monitoring	54

Electrochemistry

ProbeBOX & Electrodes	58
Electrode Kits	60
Electrodes Overview	68
Accessories	70
Calibration Solutions	71

Rapid Tests

Comparator	74
FlexITester®	76
Mini-Kits	78
Balanced Water Kits	80

Electrochemical Tests

Electronic Meter	82
Calibration Solutions	86
Online Sensors	88





Microbiological Tests

Dipslides & Incubators	90
Aqua Vials	92
Individual Micro Tests	94
Legionella Test Kits (PrimeLab 2.0)	96
Legionella Rapid Test Kits	100

Test Strips

Water-i.d. [®] and Water-i.d. [®] Marine	102
--	-----

Reagents And Accessories

Reagents Overview	104
Suitable Reagents	
PrimeLab 2.0	107
EasyShaker 2.0	115
Comparator	116
FlexiTester [®]	119
Mini-Kits	122
Balanced Water Kits	123
Personal Protective Equipment (PPE)	124

Others

Cooperations, Projects And Supporters	126
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TABLE OF CONTENTS





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, CELLULAR**

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

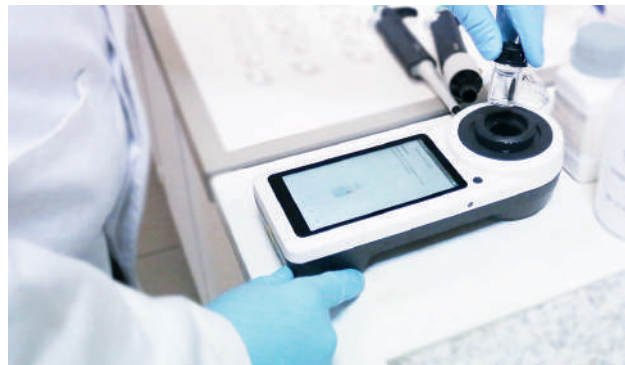
YOUTUBE VIDEO

WATER

OIL

FUEL

The next generation of photometers – the PrimeLab 2.0, developed by Water-i.d.[®]. High-precision readings due to 18 parallel wavelengths, WiFi, USB and GSM** 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 QR-code on the packaging.

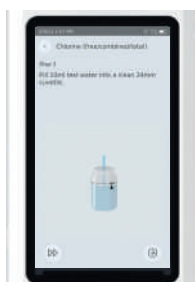
Advantages of these options are:

- 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 sampling point 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, parameter 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 and GSM** (via USB modem) 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.

ANIMATED INSTRUCTIONS



FREE SOFTWARE, APP & CLOUD



SCAN ME!



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

Compose your own kit according to your demand. It's that easy:



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 from the more than 140 available. Don't worry about missing a parameter, because you can always purchase a code to activate more parameters. PrimeLab software and app are updated via the internet and always give you the most up-to-date list of available parameters so your PrimeLab always stays up to date!

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.





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

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	L
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^{6+}	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
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

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)	0/1	--	--
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 – 30 mg/l MnO_4	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
PLPar149	Iron in Oil	0 – 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	PP
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
PLPar201	Permanganate Value Photometer	0 - 30 mg/l PV	1	T
PLPar159	Permanganate Time Test in Methanol (tank wash)	0 – 100 % T	1	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

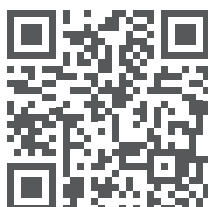
PRIMELAB 2.0 – LIST OF PARAMETERS

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 µg/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
coming soon	Silver	0 – 0,5 mg/l Ag^+	-	-
PLPar51	Sodium Hypochlorite	0.2 – 40.0 % NaOCl	0.1	PP
PLPar68	Sodium Hypochlorite	0.2 – 40.0 % NaOCl	0.1	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

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



Item-Code	Parameter	Measurement Range	Resolution	Reagent*
PLPar174	Sulphite (HR)	0 – 200 mg/l SO_3^{2-}	1	L
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	5.0 – 80.0 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	1	--
PLPar59	Turbidity (FAU)	20 – 1000 FAU	1	--
PLPar112	Turbidity (NTU)	0.5 – 1000.0 NTU	0.1	--
PLPar192	Turbidity-Check	0.0 – 10.0 NTU		
PLPar120	Urea	0.1 – 2.5 mg/l $\text{CH}_4\text{N}_2\text{O}$	0.1	L + PP
PLPar150	Urea HR	0.2 – 5.0 mg/l $\text{CH}_4\text{N}_2\text{O}$	0.1	L + PP
PLPar62	Zinc	0.00 – 1.00 mg/l Zn^{2+}	0.01	T



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-GlsBot50ml	50 ml glass-bottle with stopper

Dosing equipment

Item-Code	Item Description
PLSp-inj1	Graduated Plastic Syringe (10 ml)
PLSp-inj03	Graduated Plastic Syringe (3 ml)
PLSp-inj01	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
WIDmar-PLSP01ml	0.1 ml direct dispenser pipette for oil/fuel samples
WIDmar-PLSP01ml-tips10	10 x tips for WIDmar-PLSP01ml pipette
PL2Sp-Vollpip2ml	2 ml bulb-pipette (glass)
PL2Sp-Vollpip2ml-Ball	Pipeting-ball (Peleus ball) for 2 ml bulb-pipette



Filter utilities

Item-Code	Item Description
PLSp-InjFil-1	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 μ m filter. Bottle of 50 filter papers

Electronics

Item-Code	Item Description
PLSp-CODheatblock-E	Heat block for 8 x 16 mm vials. Temp. 70, 100, 120, 150 and 160 °C. Digital reading, 220 – 240 V / 50 – 60 Hz and 110 – 130 V / 50 – 60 Hz, 140 W
PLSp-CODheatblock-T	Heat block for 12 x 16mm vials. Temp. 70, 100, 120, 148, 150 and 160 °C. Heating times: 30 min, 60 min, 90 min, 120 min; 200 – 240 VAC 50 Hz; Maximum 350 W
PLSp2-GSM	Cellular-modem (USB-Type-C)
PLSp2-USBa-c	USB-connector (Type-A to Type-C)
PLSp2-USBhuba	USB-Hub (Type-C and Type-A)
PLSp2-USBcable	USB-cable (Type-A on one end / Type-C at the other end)
PLSp2-chargeEU	PrimeLab 2.0 charger with EU plug
PLSp2-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 (~7.00 pH) as well as a ZERO vial. In a box with description. 1 year shelf life.
PL2Sp-Ref122039-f	Reference standard kit for PrimeLab IDs 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. 1 year shelf life.
PL2Sp-RefPTSA	3 x Sealed round (24 mm) glass-vial (values: 0 µg/l / 100 µg/l / 400 µg/l)
PL2Sp-RefFLSC	2 x 100 ml reference standards 100 µg/l Fluorescein, deionized water
PL2Sp-RefTRB	3 x 10 ml reference standards 0.5 NTU, 10 NTU, 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
PLSp2-Ad16/Ad1	PrimeLab 2.0 vial adapter for 16 mm glass vials / 1 ml semi-micro-vials (rectangle)
PLSp-mft-1	Micro fiber cloth 13x13 cm for PrimeLab vials
PLSp2-carr2	Large PrimeLab 2.0 plastic carrying case
PLSp2-Alucase	Aluminium trolley with foam inserts for PrimeLab 2.0 plus accessories
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.

EASYSHAKER 2.0

STEP BY STEP EXPLANATION
WITH ANIMATIONS

EASY TO CLOSE BAYONET LOCK

RECHARGEABLE BATTERY

CLOUD CONNECTION coming soon

REDUCED MEASUREMENT TIME

PASSWORD PROTECTED
MENU LEVELS



PARAMETERS:
BASENUMBER, WATER-IN-OIL

OIL

FUEL

Through our experience and technological enhancement, we at Water-i.d. want to give our customers an upgraded EasyShaker that fulfills the latest technical standards.

- Cloud service to provide measured data in real time to everyone involved
- Robust design and easy to clean
- Animated step by step explanation to minimize mistakes
- Large display for easy access

Testing must be easy and relaxed. Measuring times has been reduced to a minimum in the standard mode. After just 1 min for the Base Number and 2 min for the Water-in-Oil determination, the result is clearly shown on the display.

Due to the dimensions as well as the material, the EasyShaker 2.0 is intuitively taken in both hands when shaking and this enables reproducible results.

Both batteries and, in the event of servicing, the seals can be replaced automatically if necessary.

The basic calibration functions can even be easily adjusted on site and independently in special cases via a password-protected menu level.

EasyShaker 2.0 - when everything has to be in mind.

The EasyShaker 2.0 comes in a carrying case with foam insert.



Item-Code	Product Description EasyShaker®	Measurement Range
WIDmar-EasyShaker	Test device for determining the base number and water content in oil samples [preferably]. Test case incl. reagents for 50 [BN/WiO] tests.	BN 5 – 150 mg KOH/g WiO 0.03 – 10.0 V%
WIDmar-EasyShakerPlus	Test device for determining the base number and water content in oil samples [preferably]. Test case incl. reagents for 50 [BN/WiO] tests. Compared to the EasyShaker® Kit, it contains the lubricant comparator [Aluvis], 50 x spot test paper and 500 ml test kit cleaner.	BN 5 – 150 mg KOH/g WiO 0.03 – 10.0 V%
WIDmar-EasyShaker-Kit-Complete	Test device for determining the base number and water content in oil samples [preferably]. Test case incl. reagents for 50 [BN/WiO/viscosity/salt-water-in-lubricating-oil] tests.	BN 5 – 150 mg KOH/g WiO 0.03 – 10.0 V% Lubricant Comparator Spot Test

PRE-SET-KITS

COMPLETE PACKAGES INCLUDING
REAGENTS AND ACCESSORIES

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



WATER

OIL

FUEL



The Water-i.d.[®] Pre-Set-Kits offer complete solutions that contain all reagents and accessories for testing the water/lubricant/fuel according to a specific application.

You therefore combine the test equipment with the appropriate reagents for the specific application. Each kit can be extended or combined at any time on request.

Simply write to **marine@water-id.com** or contact your local supplier. You will find an overview of all categories below.

OVERVIEW

Starter	26
Boiler Water	28
Cooling Water	32
Potable & Fresh Water	36
Ballast & Sewage Water	42
Oil Condition Monitoring	48
Fuel Condition Monitoring	54

STARTER

A

 OIL & FUEL STARTER KIT

Included set

Item-Code	Kit
PI02Bmar	1 x plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer 5.5" HD-Colour-Touch Display 16 wavelengths-scan (410 - 940 nm) „90° ready“ for NTU, PTSA, Fluorescein, Plancton - Option of over 140 different parameters (chargeable activation required) 8.400 mAh Li-Ion-battery (built-in) - WiFi USB Type C Cellular (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) 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 1 ml vial Adapter 1 x 10 ml plastic syringe (graduated) 1 x 1 ml vial Adapter 1 x Direct displacement pipette 10 x Pipette tips 0.1 ml [glass, reusable] 1 x Microfibre cleaning cloth 1 x Charger with cable (USB-Type-C) 1 x Printed user manual

B PRIMELAB 2.0 STARTER KIT

Included set

Item-Code	Kit
PI02B	1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer 5.5" HD-Colour-Touch Display 16 wavelengths-scan (410 – 940 nm) „90° ready“ for NTU, PTSA, Fluorescein, Plancton Option of over 140 different parameters (chargeable activation required) 8.400 mAh Li-Ion-battery (built-in) WiFi / USB Type C / Cellular (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

1 BOILER WATER



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 56

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	Tablets
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	Tablets
HAT-CHLTest	Chloride	30 – 600 mg/l Cl^-	Test strips; External test
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO_3	Tablets
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	Tablets
PLPar40	pH-value (LR)	pH 5.2 – 6.8	Tablets
PLPar46	Phosphate-ortho	0 – 80 mg/l PO_4^{3-}	Tablets

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



Included set

Item-Code	Kit
WIDmar-310	1 x Grey plastic case (PCK-MAX) with foam insert 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0-3 ml plastic syringe (graduated) 1 x 0-10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 250 tablets Alkalinity-P (tablet count) 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14". With printed insert 1 x 80 g can with pH-conditioning powder

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl^-	Tablets
TbsRAP	Alkalinity-P	20 – 500 mg/l CaCO_3	Tablets
9.129.807	pH	pH 0 – 14	Test strips



COMBINED BOILER TWO

Included set

Item-Code	Kit
WIDmar-311	1 x Grey plastic case (PCK-MAX) with foam insert 1 x Water-i.d. Comparator 2 x 10 ml square plastic Comparator-vial with lid 1 x Phosphate HR (0-80 ppm) Comparator Disc 1 x 20 ml Luer-lock syringe 1 x Filter-adapter for 20 ml Luer-lock-syringe 1 x Can with 50 filter papers (25 mm) GF/C 1 x 50 ml beaker with lid 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0 – 3 ml plastic syringe (graduated) 1 x 0 – 10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 250 tablets Alkalinity-P (tablet count) 1 x 250 tablets Alkalinity-M (tablet count) 1 x Phosphate powder pillows [50x] 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14". With printed insert 1 x 80 g can with pH-conditioning powder

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl ⁻	Tablets
TbsRAP	Alkalinity-P	20 – 500 mg/l CaCO ₃	Tablets
TbsRTA	Alkalinity-M	10 – 500 mg/l CaCO ₃	Tablets
9.129.807	pH	pH 0 – 14	Test strips
PPCPP50	Phosphate	0 – 80 ppm	Powder pillows



Included set

Item-Code	Kit
WIDmar-315	1 x Grey plastic case (PCK-MAX) with foam insert 1 x Water-i.d. Comparator 2 x 10 ml square plastic Comparator-vial with lid 1 x Phosphate HR (0 – 80 ppm) Comparator Disc 1 x 20 ml Luer-lock syringe 1 x Filter-adapter for 20 ml luer-lock-syringe 1 x Can with 50 filter papers (25 mm) GF/C 1 x 50 ml beaker with lid 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0 – 3 ml plastic syringe (graduated) 1 x 0 – 10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 250 tablets Alkalinity-P (tablet count) 1 x Phosphate powder pillows [50x] 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14". With printed insert 1 x 80 g can with pH-conditioning powder

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl ⁻	Tablets
TbsRAP	Alkalinity-P	20 – 500 mg/l CaCO ₃	Tablets
9.129.807	pH	pH 0 – 14	Test strips
PPCPP50	Phosphate	0 – 80 ppm	Powder pillows

2 COOLING WATER



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

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
PLPar5	Alkalinity-M	5 – 200 mg/l CaCO_3	Tablets
PLPar10	Chloride	0.5 – 25.0 mg/l Cl^-	Tablets
PLPar78	Hardness-Calcium	0 – 500 mg/l CaCO_3	Tablets
PLPar56	Hardness-Total (LR)	2.0 – 50.0 mg/l CaCO_3	Tablets
PLPar57	Hardness-Total (HR)	20 – 500 mg/l CaCO_3	Tablets
WIDmar HSRAEU	Legionella	60 – 10^6 CFU/l	Test panel, External Test
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	Tablets
PLPar40	pH-value (LR)	pH 5.20 – 6.80	Tablets
PLPar41	pH-Universal	pH 5.0 – 11.0	Tablets

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

B

PRIMELAB 2.0 COOLING BASIC ONE

Included set

Item-Code	Kit
WIDmar-309	1 x Grey plastic case (PCK-MAX) with foam insert 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0 – 3 ml plastic syringe (graduated) 1 x 0 – 10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 100 tablets Nitrite N°1 TC (tablet count) 1 x 250 tablets Nitrite N°2 TC (tablet count) 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14". With printed insert

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl^-	Tablets
TbsHNTL_2	Nitrite	70 – 1500 mg/l NaNO_2	Tablets
9.129.807	pH	pH 0 – 14	Test strips



Included set

Item-Code	Kit
WIDmar-309a	1 x Grey plastic case (PCK-MAX) with foam insert 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0 – 3 ml plastic syringe (graduated) 1 x 0 – 10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 100 tablets Nitrite N°1 TC (tablet count) 1 x 250 tablets Nitrite N°2 TC (tablet count) 1 x 250 tablets Alkalinity-P TC (tablet count) 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14" With printed insert

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsHNT1_2	Nitrite	70 – 1500 mg/l NaNO_2	Tablets
TbsRCD	Chloride	5 – 5000 mg/l Cl^-	--
TbsRAP	Alkalinity-P	20 – 500 mg/l CaCO_3	Tablets
9.129.807	pH	pH 0 – 14	Test strips

D

PRIMELAB 2.0 COOLING BASIC THREE

Included set

Item-Code	Kit
WIDmar-Cool3	1 x Grey plastic case (PCK-MAX) with foam insert 1 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 0 – 3 ml plastic syringe (graduated) 1 x 0 – 10 ml plastic syringe (graduated) 1 x 250 tablets Chloride TC (tablet count) 1 x 100 tablets Nitrite N°1 TC (tablet count) 1 x 250 tablets Nitrite N°2 TC (tablet count) 1 x 250 tablets Alkalinity-P TC (tablet count) 1 x Transparent, square plastic box with 100 test strips "pH 0 – 14" With printed insert 1 x FT7200 without ORP Electrode): Electronic Meter pH/(ORP)/EC/TDS/Salt/Temp. 2 screw-on extensions: a) pH + Temp. / b) EC/TDS/Salt + Temp

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsHNT1_2	Nitrite	70 – 1500 mg/l NaNO_2	Tablets
TbsRCD	Chloride	5 – 5000 mg/l Cl^-	--
TbsRAP	Alkalinity-P	20 – 500 mg/l CaCO_3	Tablets
9.129.807	pH	pH 0 – 14	Test strips
--	Conductivity [electronic meter]	0.2 – 2000.0 $\mu\text{S}/\text{cm}$	--

3 POTABLE & FRESH WATER



Included set

Item-Code	Kit
PL02B-TRB	The 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

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
PLPar121	Alkalinity-M (HR)	0 – 500 mg/l CaCO_3	Tablets
PLPar6	Alkalinity-P	25 – 300 mg/l CaCO_3	Tablets
PLPar4	Aluminium	0.00 – 0.30 mg/l Al^{3+}	Tablets
HAT-CHLTest	Chloride	30 – 600 mg/l	Test strips; External test
PLPar11	Chlorine (free-combined-total)	0.00 – 8.00 mg/l Cl_2	Tablets
PLPar107	Colour (Hazen/APHA)	15 – 500 mg/l Pt-Co	--
PLPar18	Copper	0.00 – 5.00 mg/l Cu^{2+}	Tablets





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

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

B PRIMELAB 2.0 FRESH WATER CONTROL KIT

Included photometer

Item-Code	Kit
PLO2B-TRB	The 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

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
IDX-Entero-USA-TDA	Bacteria: Enterococci	--	Beaker
BactD006	Bacteria: Pseudomonas species and Coliforms	--	Dipslide
BactD005	Bacteria: E.coli, Coliforms and Total Viable Count (Total Heterotrophic Bacteria)	--	Dipslide
WIDmar-legio-risk-EU	Legionella	100 – 100000 CFU/l	Testcard
TbsPTAHR50	Alkalinity-M (HR)	0 – 500 mg/l	Tablet
TbsPAP50	Alkalinity-P	5 – 300 mg/l	Tablet
PL65Chloride1/2	Chloride	0 – 100 mg/l	Liquid
TbsPD150/PD350	Chlorine (free-combined-total)	0.00 – 8.00 mg/l	Tablet
--	Colour (Hazen/APHA)	15 – 500 mg/l	--
TbsHCu150/Cu250	Copper	0 – 5 mg/l	Tablet

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





Item-Code	Parameter	Measurement Range	Type Of Reagent
PL30DO1/D02/D03	Dissolved Oxygen	0 – 10 mg/l	Liquid
TbsPTH50	Hardness-Total (LR/HR)	2 (20) – 50 (500) mg/l	Tablet
PPPIron132	Iron total	0 – 3 mg/l	Powder
PPPNiLR50/HR150	Nitrite (LR)	0 – 0.5 mg/l	Tablet
TbsPNiHR250	Nitrite (HR)	0 – 1500 mg/l	Tablet
TbsPpH50	pH-value (MR)	6.4 – 8.4	Tablet
PPHPPLR150/R250	Phosphate-ortho (LR)	0 – 4 mg/l	Tablet
PL25SiLR1/LR2	Silica (LR)	0 – 5 mg/l	Liquid
PPPSiLR350	Silica (LR)	0 – 5 mg/l	Powder
TbsPCZ50	Zinc	0 – 1 mg/l	Tablet



Included set

Item-Code	Kit
WID-manualPWT	1 x Black plastic case with foam insert 1 x Water-i.d. [®] Comparator 4 x 10 ml square plastic Comparator cells 1 x 13 cm Stirring Rod 1 x Cleaning Brush 1 x 100 ml plastic shaker/dilution tube 1 x Water-i.d. Comparator disc "Chlorine (free/combined/total) / 0.00 – 5.00 mg/l" 1 x Water-i.d. Comparator disc "Chlorine Dioxide/0.00 – 6.65 mg/l" 1 x Water-i.d. Comparator disc "Copper/0.0 – 5.0 mg/l" 50 tablets DPD 1 Photometer/Comparator 50 tablets DPD 3 Photometer/Comparator 50 tablets Copper N° 1 Photometer/Comparator 50 tablets Copper N° 2 Photometer/Comparator 50 tablets Glycine 100 tablets Total Hardness TC (FT7200 without ORP Electrode): Electronic Meter pH/(ORP)/EC/TDS/Salt/Temp. 2 screw-on extensions: a) pH + Temp. / b) EC/TDS/Salt + Temp. 1 x Turbidity Tube 5 – 500 NTU

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chlorine [free/combined/total]	0.00 – 8.00 mg/l	Tablet
TbsHNT1_2	Chlorine Dioxide	0.00 – 5.00 mg/l	Tablet
TbsPTH50	Total hardness	20 – 500 mg/l	Tablet
TbsHCu150/Cu250	Copper	0 – 5 mg/l	Tablet
--	pH [electronic meter]	0 – 14	--





Item-Code	Parameter	Measurement Range	Type Of Reagent
--	Conductivity [electronic meter]	0.0 – 2000.0 $\mu\text{S}/\text{cm}$	--
--	Temperature	0 – 100 °C	--
BactD004	Bacteria: Pseudomonas species and Coliforms	--	Dipslide
BactD005	Bacteria: E.coli and Coliforms	--	Dipslide
--	Turbidity	5 – 500 NTU	Turbidity tube

4 BALLAST & SEWAGE WATER

A PRIMELAB 2.0 GREY WATER CONTROL PRO

Included photometer and accessories

Item-Code	Kit
WIDmar-greywater	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
PLSp-16mmRack	1 x Aluminium test tube Rack for holding 12 x 16 mm glass cuvettes

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
FT6012	pH [electronic meter]	pH 0 – 14	--
FT7021	Conductivity [electronic meter]	0.0 – 2000.0 $\mu\text{S}/\text{cm}$	--
PLPar155	Ammonia (HR)	1.0 – 50.0 mg/l N	Prepared vials + powder
PLPar79	COD (LR)	0 – 150 mg/l O_2	Prepared vials
PLPar80	COD (MR)	0 – 1500 mg/l O_2	Prepared vials
PLPar17	COD (HR)	0 – 15000 mg/l O_2	Prepared vials
PLPar169	Nitrate (HR)	1 – 100 mg/l NO_3^-	Powder-liquid
PLPar35	Nitrite (LR)	0.00 – 0.50 mg/l N	Tablet
PLPar152	Nitrogen-Total (HR)	5 – 150 mg/l N	Prepared vials
PLPar45	Phosphosphate (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.

B COMBINED BALLAST BASIC ONE

Included set

Item-Code	Kit
WIDmar-Ballast-single1	1 x Professional Alu-carrying case (trolley) with matching foam inserts 1 x 100 ml shaker tube, 1x stirring rod 1x cleaning brush 1 x 100 tablets Chloride tablet count 1 x Pack 100 of the Vibrio Cholera test 1 x Pack 20 of the Enterococci-test "Enterolert", USA version acc. to ASTM 1 x 10 dipslides: PDM/MAC Dipslide Tests for Pseudomonas species and Coliforms 1 x 10 dipslides: Chromogenic/TTC Dipslide Tests for E.coli, Pseudomonas Aeruginosa and Total 1 x Incubator for 10 Dipslides as well as Enterococci Test, variable temp. 110/220 V

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl ⁻	Tablets
IDX-Entero-USA-TDA	Bacteria: Enterococci	--	Beaker
BactD006	Bacteria: Pseudomonas species and Coliforms	--	Dipslide
EFL-VibCh100	Bacteria: Vibrio Cholera	--	Testcard
BactD005	Bacteria: E.coli*, Coliforms and Total Viable Count (Total Heterotrophic Bacteria) *Requires a UV lamp to visualize	--	Dipslide

Included accessories

Item-Code	Features
WIDmar-UVlamp	Powerful UV lamp (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 aluminum Durable, lubricated O-ring seals for reliable protection against spray-water and water jets Durable aluminum reflector AAA battery (not included)



Included set

Item-Code	Kit
WIDmar-Ballast-single2	1 x Professional Alu-carrying case (trolley) with matching foam inserts 1 x 100 ml shaker tube 1 x stirring rod 1 x cleaning brush 2 x Luer lock syringe (20 ml) with adapter for filter holder; each labeled with 50/10 µm 2 x Filter holder for PLSp-InjFil-1 luer lock syringe; each labeled with 50/10 µm 1 x 100 tablets Chloride tablet count 1 x Pack 100 of the Vibrio Cholera test 1 x Pack 20 of the Enterococci-test "Enterolert", USA version acc. to ASTM 1 x 10 dipslides: PDM/MAC Dipslide Tests for Pseudomonas species and Coliforms 1 x 10 dipslides: Chromogenic/TTC Dipslide Tests for E.coli, Pseudomonas Aeruginosa and Total 1 x Test Kit for 50 µm living organisms or above (Filter test) incl. staff microscope (magnification factor: 20 x; set), incl. 25 mm Filter Paper 50 µm; pack of 50pcs. 1 x Test Kit for 10-50 µm living organism (Filter test) incl. staff microscope (magnification factor: 200x; set) incl. 25 mm Filter Paper 10 µm; pack of 50pcs. incl. manual (english) 1 x Incubator for 10 Dipslides as well as Enterococci Test, variable temp. 110/220V

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRCD	Chloride	5 – 5000 mg/l Cl ⁻	Tablets
IDX-Entero-USA-TDA	Bacteria: Enterococci	--	Beaker
BactD006	Bacteria: Pseudomonas species and Coliforms	--	Dipslide
EFL-VibCh100	Bacteria: Vibrio Cholera	--	Testcard
BactD005	Bacteria: <i>E. coli</i> *, Coliforms and Total Viable Count (Total Heterotrophic Bacteria) *Requires a UV lamp to visualize	--	Dipslide

Included accessories

Item-Code	Features
WIDmar-UVlamp	Powerful UV lamp (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 aluminum Durable, lubricated O-ring seals for reliable protection against spray-water and water jets Durable aluminum reflector AAA battery (not included)

D COMBINED SEWAGE BASIC ONE

Included set

Item-Code	Kit
WIDmar-Sewage-Kit	1 x Plastic case incl. matching foam inlay 3 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 100 tablets Permanganate Value 1 x 50 powder-pillows Acidifying SE

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRPerm	Permanganat Value	0 – 50	Tablet
--	BOD Sewage	0 – 150	Calculated
--	BOD Effluent	0 – 45	Calculated
--	COD Sewage	0 – 300	Calculated
--	COD Effluent	0 – 210	Calculated
--	TOC Sewage	0 – 90	Calculated
--	TOC Effluent	0 – 6	--

E COMBINED SEWAGE BASIC TWO

Included set

Item-Code	Kit
WIDmar-Sewage-Kit2	1 x Grey plastic case with matching foam inserts 3 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 100 tablets Permanganate Value 1 x 50 powder-pillows Acidifying SE 1 x FT7200 Electronic Meter pH/EC/Temp 1 x Turbidity Tube 5 – 500 NTU

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRPerm	Permanganat Value	0 – 50	Tablets
--	BOD Sewage	0 – 150	Calculated
--	BOD Effluent	0 – 45	Calculated
--	COD Sewage	0 – 300	Calculated
--	COD Effluent	0 – 210	Calculated
--	TOC Sewage	0 – 90	Calculated
--	TOC Effluent	0 – 6	Calculated
--	pH [electronic meter]	0 – 14	--
--	Conductivity [electronic meter]	0.0 – 2000.0 µS/cm	--
TbsRCD	Chlorine [free/combined/total]	0.00 – 8.00 mg/l	Tablets

F

COMBINED SEWAGE BASIC THREE

Included set

Item-Code	Kit
WIDmar-sewage-Kit3	1 x Grey plastic case with matching foam inserts 3 x 100 ml graduated shaker tube (plastic) with lid 1 x Plastic Stirring Rod (13 cm) 1 x Cleaning Brush 1 x 100 tablets Permanganate Value 1 x 50 powder-pillows Acidifying SE 1 x FT7200 Electronic Meter pH/EC/Temp 1 x Turbidity Tube 5 – 500 NTU 1 x 10 dipslides: PDM/MAC Dipslide Tests for Pseudomonas species and Coliforms 1 x Incubator for 10 Dipslides as well as Enterococci Test, variable temp. 110/220 V

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
TbsRPerm	Permanganat Value	0 – 50	Tablets
--	BOD Sewage	0 – 150	Calculated
--	BOD Effluent	0 – 45	Calculated
--	COD Sewage	0 – 300	Calculated
--	COD Effluent	0 – 210	Calculated
--	TOC Sewage	0 – 90	Calculated
--	TOC Effluent	0 – 6	Calculated
--	pH [electronic meter]	0 – 14	--
--	Conductivity [electronic meter]	0.0 – 2000.0 µS/cm	--
TbsRCD	Chlorine [free/combined/total]	0.00 – 8.00 mg/l	Tablets
BactD006	Bacteria: Pseudomonas sepcies and Coliforms	--	Dipslide

5 OIL CONDITION MONITORING



Included photometer

Item-Code	Kit
PL02Bmar	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 1 x Direct displacement pipette 10 x Pipette tips 0.1 ml [glass, reusable]

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
PLPar149	Iron-in-Oil (Fe^{2+})	0 – 450 mg/l $\text{Fe}^{2+}/3^+$	Tablet + Liquid

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



B PRIMELAB 2.0 MARINE SDA PRO TWO

Included photometer

Item-Code	Kit
PL02Bmar	PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer 1 x Direct displacement pipette 10 x Pipette tips 0.1 ml [glass, reusable]

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
PLPar149	Iron-in-Oil (Fe^{2+})	0 – 450 mg/l $\text{Fe}^{2+/3+}$	Tablet + Liquid
PLPar187	Copper-in-Oil	0 – 50 mg/l	Tablet + Liquid

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



COMBINED EASYSHAKER TEST KIT

Included set

Item-Code	Kit
WIDmar-EasyShaker	1 x Carrying-case with foam insert 1 x EasyShaker test device 1 x 500 ml BN Reagent 2 x 500 ml Solvent 50 pcs WiO Reagent Jelly 2 x Agitator (plastic ring) 3 x 5 ml plastic syringe 1 x 50 ml Beaker 1 x Tweezer 1 x Printed user manual (quick-guide)

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-Bnreag	BaseNumber [BN,TBN]	3 – 150 mg KOH/g	Liquid
WIDmar-WIOreag-set	Water-in-Oil [WiO in V%]	0 – 10 V%	Liquid/paste

D

COMBINED EASYSHAKER TEST KIT +

Included set

Item-Code	Kit
WIDmar-EasyShakerplus	1 x Carrying-case with foam insert 1 x EasyShaker test device 1 x 500 ml BN Reagent 1 x 500 ml Solvent 25 pcs WiO Reagent Jelly 1 x ALUVis Comparator 1 x 500 ml Test Kit Cleaner 2 x Agitator (plastic ring) 3 x 5 ml plastic syringe 1 x 50 ml Beaker 1 x Tweezer 1 x Printed user manual (quick-guide)

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-Bnreag	BaseNumber [BN,TBN]	3 – 150 mg KOH/g	Liquid
WIDmar-WIOreag-set	Water-in-Oil [WiO in V%]	0 – 10 V%	Liquid/Paste
WIDmar-Aluvis	Fresh/Used Oil comparator	--	--



COMBINED EASYSHAKER TEST KIT COMPLETE

Included set

Item-Code	Kit
WIDmar-Easyshakercpl	1 x Carrying-case with foam insert 1 x EasyShaker test device 1 x 500 ml BN Reagent 1 x 500 ml Solvent 25 pcs WiO Reagent Jelly 1 x ALUVis Comparator 1 x 500 ml Test Kit Cleaner 2 x Agitator (plastic ring) 3 x 5 ml plastic syringe 1 x 50 ml Beaker 1 x Tweezer 1 x Printed user manual (quick-guide)

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-Bnreag	BaseNumber [BN,TBN]	3 – 150 mg KOH/g	Liquid
WIDmar-WIOreag-set	Water-in-Oil [WiO in V%]	0 – 10 V%	Liquid/Paste
WIDmar-Aluvis	Fresh/Used Oil comparator	--	--
WIDmar-SaltinW	Salt-in-Water	Yes/No	Liquid/Strips

F

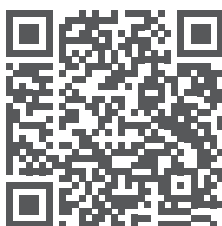
COMBINED ABRASIV CHECKER-73

Included set

Item-Code	Kit
WIDmar-abrasIron73-Kit	1 x Leatherbag incl. Abrasive Iron Test Device and peripheries

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-abrasreplc	Abrasive Iron	0 – 19999 ppm	Syringes/Caps



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the Cosmos SDM flyer!



6 FUEL CONDITION MONITORING



PRIMELAB 2.0
CAT FINES CONTROL PRO

Included set

Item-Code	Kit
PL02Bmar	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 1 x Direct displacement pipette 10 x Pipette tips 0.1 ml [glass, reusable]

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-ALU50	Aluminium-in-Oil	1 – 100 ppm	Tablets
WIDmar-SIL50	Silica-in-Oil	1 – 100 ppm	Powder

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



B

COMBINED PRO COMPATIBILITY TESTER

Included set

Item-Code	Kit
WIDmar-compaST10	1 x Plastic case incl. matching foam inlay

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-ST10replacement	Compatibility and Stability	--	Filters/Syringes



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the ST10 flyer!



COMBINED

COMPATIBILITY TESTER BASIC

Included set

Item-Code	Kit
WIDmar-compastab1	1 x Plastic case incl. matching foam inlay 1 x Fuel compatibility/stabilty tester basic

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-compstab50	Compatibility and Stability	--	Spottestpaper

D

COMBINED SULPHUR 16

Included set

Item-Code	Kit
WIDmar-Sulphur16	1 x Xray Sulphur Test Kit

Included reagents / parameters

Item-Code	Parameter	Measurement Range	Type Of Reagent
WIDmar-25sulreplace	Sulphur in Fuel	16 – 50000 ppm	Filters/Syringes/Caps



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the Sea16 flyer!



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	60
Electrodes Overview	68
Accessories	70
Calibration Solutions	71

PROBEBOX 1.0 ELECTRODE-BASIC-KIT "PH"

Parameter: pH
Measurement Range: 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: 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: 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 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 µS/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 µS/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 response. 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-EIECLRGL	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-EIECHRGLATC	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-EIECLRPCATC	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-EIECHRPCATC	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



YOUTUBE VIDEO

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



YOUTUBE VIDEO

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 colour scale 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 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⁺
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	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



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	•		
SVT1400	Total Hardness	5 - 600 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



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:

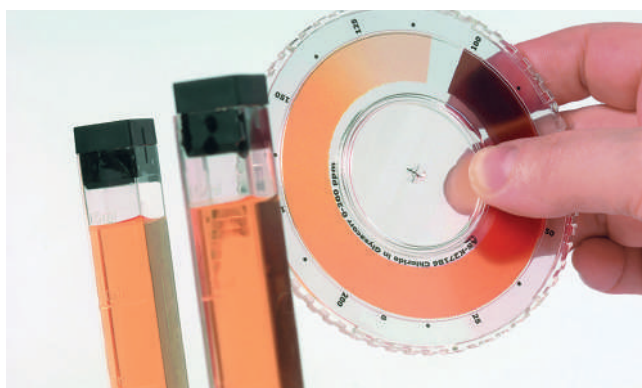
Comparator: pH, Chlorine (free | combined | total)

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

ELECTRONIC METER

ELECTROCHEMICAL MEASUREMENT

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

ATC (AUTOMATIC TEMPERATURE
COMPENSATION) DEPENDING
ON THE MODEL



YOUTUBE VIDEO



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.



FT7200



FT7021



FT7011



FT7031



FT11



FT34 | FT36



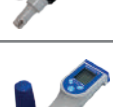
FT33 | FT35



FT6012



FT6011

	Item-Code	Electronic Meter Parameters	Measurement Range
	FT11*	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 µS/cm 0.000 – 1.999 mS/cm
	FT35	EC (Electronic Conductivity)	0 – 19990 µS/cm 0.00 – 19.99 mS/cm
	FT6011* **	pH	0.0 – 14.0
	FT6012* **	pH	pH0.00 – 14.0
	FT7011* **	pH ORP (Redox) Temperature	-2.00 – 16.00 +/- 1000 mV 0.0 – 90.0 °C
	FT7021**	EC TDS Salinity Temperature	0 – 2000 µS/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	-2.00– 16.00 +/- 1000 mV 0 – 2000 µS/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 → $\beta = 2 \text{ }^\circ\text{C}$
	1mg/l 0.01 g/l	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}$
	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 $\mu\text{S/cm}$ 0.01 mS/cm	+/- 2 % FS	1 point, manual	automatic 0 – 50 °C → $\beta = 2 \text{ }^\circ\text{C}$
	0.1	+/- 0.1	1 point, manual	---
	0.02	+/- 0.01	1 point, manual	automatic 0 – 90 °C → $\beta = 2 \text{ }^\circ\text{C}$
	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 $\mu\text{S/cm}$ 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 → $\beta = 2 \text{ }^\circ\text{C}$
	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 → $\beta = 2 \text{ }^\circ\text{C}$
	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 → $\beta = 2 \text{ }^\circ\text{C}$

CALIBRATION SOLUTIONS

NIST TRACEABLE

MADE IN GERMANY

SPECIFIC FOR PH, TDS
& ORP ELECTRODES



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

DRINKING WATER

LABORATORIES

WASTE WATER

MARINE

BOILER WATER

COOLING WATER

POOLS

FOOD PROCESSING

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 μ S/cm“ calibration solution	--
EMecbuf84	„EC 84 μ S/cm“ calibration solution	--
EMecbuf147	„EC 147 μ S/cm“ calibration solution	--
EMecbuf1413	„EC 1413 μ S/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.

ONLINE SENSORS

ONLINE MONITORING

RETROFIT POSSIBLE

COMPLEMENTARY TO
ROUTINE ANALYSES



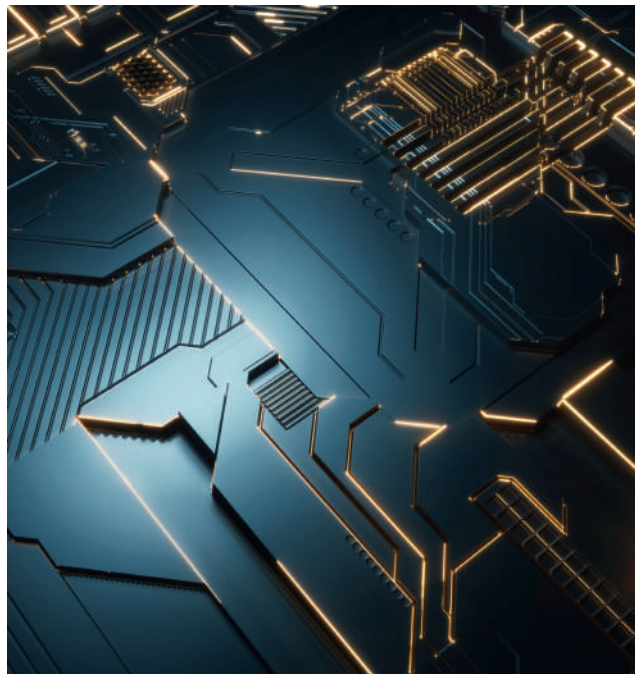
OIL

Online sensors support routine investigations in many areas. We at Water-i.d.[®] also offer our customers products from this product range.

The FerroS Sensor for example is an intelligent sensor for determination of the condition of hydraulic and lubricating systems based on ferromagnetic wear particles. The sensor is a screw-in/immersion sensor and is designed for continuous monitoring of ferromagnetic contamination in oil. The LubCos H2O productline measures changes in hydraulic fluids and lubricants. Data is continuously documented evaluated and stored. In that way deterioration and changes in the oil (e.g. water inleakage, oil change, ...) can be indicated. Through this, damage can be recognized or completely avoided at an early stage.

This offers the opportunity to prevent machine failures as well as to prolong maintenance and oil change intervals by means of appropriate measures.

Furthermore, by monitoring the lubricant, correctly performed maintenance work and the use of the required lubricant quality may be documented.



Item-Code	Product Description Online Sensors	Measurement Range	
WIDmar-portablonlinesens	This Portable Oil Lab enables particle measuring classes according to ISO 4406:1999, SAE AS4059, NAS 1638 and GOST 17216. In addition, the relative humidity and oil temperature are displayed. Optionally, further information on the oil condition, taken from the conductivity and polarity of the oil, can be shown via the integrated display. Classes according to ISO 4406:1999, SAE AS4059, NAS 1638 and GOST 17216. In addition, the relative humidity and oil temperature are displayed. Optionally, further information on the oil condition, taken from the conductivity and polarity of the oil, can be shown via the integrated display.	Temperature Rel. dielectric n° Conductivity Rel. Humidity	-20 – +120 °C 1 – 7 100 – 800000 pS/m 0 – 100 V%
WIDmar-H20monOel	Stationary screw-in sensor for continuous determination of the oil condition, humidity and temperature in hydraulic and lubricating oils	Temperature Rel. dielectric n° Conductivity Rel. Humidity	-20 – +85 °C 1 – 7 100 – 800000 pS/m 0 – 100 V%
WIDmar-FerromonOel	Stationary screw-in sensor for continuous monitoring of ferromagnetic contamination in lubricating oils	Fine particles Coarse particles	0 – 100 % 0 – 10

DIPSLIDES & INCUBATORS

RELIABLE BACTERIAL TESTS

LIQUID AND SURFACE TESTING

FLEXIBLE PADDLE



BactEDT057
Incubator for 2 dipslides



BactEDT055
Incubator for 8 dipslides



BactEDT059
Incubator for 10 dipslides



BactEDT093
Incubator for 45 dipslides



BactEDT052
Incubator for 20 dipslides

WATER

The definition of a dipslide is a means 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 reference to a chart. If the treatment programme is effective, the dipslide count will be consistently low ($<10^4$). If a high result is obtained, the test should be repeated and the treatment programme 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 waters 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 test <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
BactEDT055	Incubator for 8 Dipslide Tests. Pre-set to 30 °C	12 110 220 V
BactEDT059	Incubator for 10 Dipslide Tests. With temperature gauge and adjustable temperature. Ideal for NRB/SRB tests. Only offered with 240 V.	12 110 220 V
BactEDT052	Incubator for 20 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 aluminum Digital voltage regulation for input voltage 3.6 – 8.4 V Titanium black, scratch-resistant housing made of hard-anodized aerospace aluminum Durable, lubricated O-ring seal for reliable protection against spray-water and water jets Durable aluminum reflector AAA battery (not included)

AQUA VIALS™

RELIABLE BACTERIAL TESTS

PREFILLED CUVETTES - NO DOSING

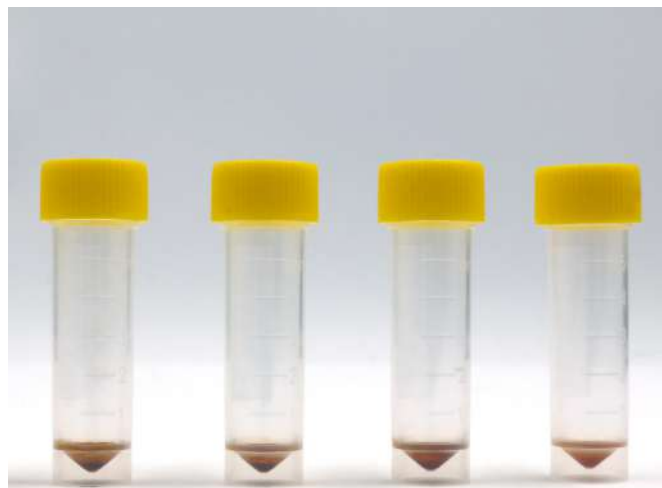
QUICK AND PRECISE RESULTS

NO INCUBATOR REQUIRED



WATER

AquaVials™ are modern rapid tests for checking water quality. They are designed to detect microbiological contamination such as bacteria, fungi, or biofilms directly on site. Instead of sending water samples to a laboratory and waiting several days for results, users can obtain an initial assessment within a short time using AquaVials™. The application is intentionally simple: a water sample is added to the test vial, shaken, and then checked for a color change. This reaction is based on a sensor technology, in which special nanoparticles react to microorganisms. AquaVials™ are especially suitable for areas where hygiene and quick decision-making are important, such as dental practices, building water systems, industrial facilities, hotels, or water treatment processes. They help identify potential problems at an early stage, monitor cleaning or disinfection measures, and better assess risks. However, AquaVials™ should mainly be understood as a screening and control tool. For legally required documentation or official approvals, certified laboratory analyses may still be necessary. Overall, AquaVials™ offer practical, fast, and cost-effective support for responsible water management.



Item Code	Name	Species	Detection Limit & Incubation Time	Tests per kit
BactD-AQVM-EX	AquaVial™ EX Coliform (Standard & high sensitivity)	Coliforme / <i>E. coli</i> / Enterococci	Standard Sensitivity: 1 CFU/ml; High Sensitivity: 1 CFU/10 ml (5-9 h @ 35-45 °C // 10-24 h @ 20-35 °C -> dep. on detection limit and config.)	25 units / Vials
BactD-AQVM-pro500	AquaVial™ PRO500	Waterborne Microorganisms	500 CFU/ml (15 min @ RT 20-25 °C)	3 / 12 Pack Kit
BactD-AQVM-ABP	AquaVial™ Splash	Total bacteria and <i>Pseudomonas aeruginosa</i>	Total bacteria: 500 CFU/ml (24 h @ 20-25 °C) Pseudomonads: 1 CFU/ml (48 h @ 20-25 °C)	1 Kit
BactD-AQVM-AEC	Safe Check	Total bacteria	500 CFU/ml (24 h @ 20-30 °C)	25 units / Vials

INDIVIDUAL MICRO TESTS

RELIABLE

EASY TO USE

FUEL, OIL & WATER TESTS



WATER

OIL

FUEL

In the maritime industry there is a wide range of microbiological/viral tests that we cover in addition to the Dipslides. Whether Cholera, Covid-19 rapid tests or HPC tests, we cover your needs. Please ask us for more details!



Item-Code	Product Description Individual Micro Tests
IDX-Entero-USA	Pack 20 of the Enterococci-test "Enterolert", USA version acc. to ASTM
IDX-Ecoli-USA	Pack 20 of the E.Coli-test "ColiLert", USA version acc. to ASTM
WIDmar-VibCh100	Pack 100 of the Vibrio Cholera test from Diagnose
WIDmar-BactD002FL	Malt/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count for fuel and lubricants: Flexible paddle for effective surface contact.
WIDmar-BactD003FL	RBS/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count for fuel and lubricants. Flexible paddle for effective surface contact.
WIDmar-BactHPC	Sampler Test for microbiological analysis of surfaces for bioburden levels of bacteria, yeast or mold. Ideal for the ballast water sector.

Recommended accessories

Item-Code	Features
WIDmar-UVlamp	Powerful UV lamp (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 aluminum reflector AAA battery (not included)

LEGIONELLA TEST KITS

KIT-FEATURES:

1-HOUR LEGIONELLA SPP. TEST

DETECTS ONLY LIVING LEGIONELLA

QUANTITATIVE $60-10^6$ CFU/L

AOAC CERTIFIED

ALL-IN-ONE CASE



WATER

Water.i.d.[®] introduces a new, patented method to test viable Legionella Sp. 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 (Legionnaire's 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 litre 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 app. already bound to the micro-bit. This makes viable Legionella visible (pink colour) to be detected by the PrimeLab 2.0.

The PrimeLab 2.0 measures the colour and converts it to $60 - 10^6$ into Colony Founding Units (CFU). As the PrimeLab 2.0 is connected via WiFi and USB to a free software and app, both of which are synchronised via the cloud, reporting is very easy. In addition, the PrimeLab 2.0 can perform more than 140 different parameter methods from ammonia to zinc. A true "one for all".



Legionella Basic Kit

Basic Kit (Auto-Filtration | max. 9 tests*):

This Basic Kit is suitable if Legionella tests are only carried out from time to time and contains reagents for up to 9 tests.

Contents:

1 x Holder with magnet to hold 4 MHCB cuvettes, for use as single cuvette or with LG-MP4 stirrer

1 x PrimeLab 2.0 adapter for use with rectangular 1 ml semi-micro-vials (rectangle)

ID 147 (Legionella) pre-activated

1 x LGP-10 kit for performing max. 9 tests (1 control / batch)

PrimeLab 2.0 starter kit (Legionella parameter activated) contains:

1 x Grey plastic carrying case with foam insert.

1 x PrimeLab 2.0 Multitest Photometer

4 x 24 mm / 10 ml cuvettes with lid (light protection integrated in the lid)

1 x Light shield (for 16mm and 1ml cuvettes as well as control standards)

1 x 24 mm cuvette adapter (built-in; exchangeable)

1 x 10.5 cm stirring rod

1 x 10ml plastic syringe (graduated)

1 x Cuvette cleaning brush

1 x Microfibre cleaning cloth for cuvettes

1 x [®] USB dongle

1 x Charger with cable (USB Type-C)

1 x Printed user manual in a ring binder

Professional filter equipment:

1 x Vacuum pump

1 x Filtration funnel

1 x Glass collection bottle 1000 ml

1 x Tweezer

1 x Scissor

100 filter papers GF/C (47 mm)

100 filter bags 0,40µ (47 mm)



Legionella Professional Kit

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.

Contents:

1 x Rack with magnet for holding 4 MHCB cuvettes, for use as single cuvette or with LG-MP4 stirrer
 1 x PrimeLab 2.0 adapter for use with rectangular 1ml semi-micro-vials (rectangle)
 ID 147 (Legionella) pre-activated
 1 x LGP-100 kit to perform max. 99 tests (1 control / batch)
 1 x Professional laboratory pipette (0 - 1000 µl)
 100 x Tips for 0 - 1000 µl pipette
 100 x 60 ml elution bottle
 1 x MP4 stirrer with accessories to manage 19 samples
 1 x Table cloth for managing MP4 racks
 1 x Silver aluminium trolley with foam inserts

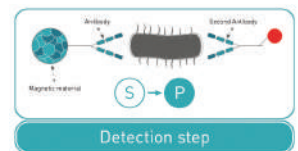
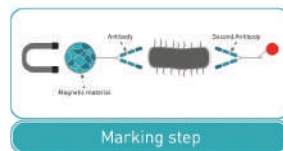
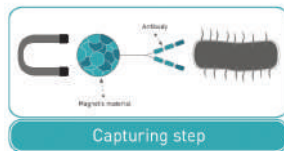
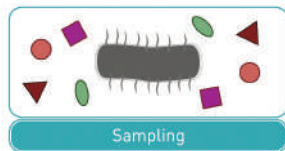
PrimeLab 2.0 starter kit (Legionella parameter activated) contains:

1 x PrimeLab 2.0 Multitest Photometer
 4 x 24 mm / 10 ml cuvettes with lid (light shield integrated in lid)
 1 x Light shield (for 16 mm and 1 ml cuvettes as well as control standards)
 1 x 24 mm cuvette adapter (built-in; exchangeable)
 1 x 10.5 cm stirring rod
 1 x 10 ml plastic syringe (graduated)
 1 x Cuvette cleaning brush
 1 x Microfibre cleaning cloth for cuvettes
 1 x® USB dongle
 1 x Charger with cable (USB Type-C)
 1 x Printed user manual in a ring binder

Professional filtration equipment:

1 x Filtration funnel
 1 x Vacuum pump
 1 x Glass collection bottle 1000 ml
 1 x Tweezer
 1 x Scissor
 100 filter papers GF/C (47 mm)
 100 filter bags 0,40µ (47 mm)

Item-Code	Product Description	Possible No. Of Tests	Min.	Max.
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-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



*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).

LEGIONELLA RAPID TEST-KITS

KIT-FEATURES:

35 MIN TEST

EASY TO USE

SMARTPHONE READER AVAILABLE



WATER

The world's only test that can detect *Legionella pneumophila* serogroup 1 on-site in 25 minutes (compared with 7 – 14 days for traditional methods) and yet can be performed by anyone with minimal training. The convenience and incredible ease of use, make these test the first choice for companies where reputation is crucial; where customer and employee safety are paramount; where clients are vulnerable and where facilities are in remote locations.

Sensitivity ranges from 100 CFU/L for water tests and 200 CFU/per swabbed area for swab tests. This range offers ultra sensitive detection for countries where action levels and guidance are more stringent and industries where risk is high.

This range offers a targeted solution by detecting the most dangerous strain of *Legionella*, *Legionella pneumophila* SG1, which is responsible for almost all known cases of Legionnaires' disease ever recorded.



Item-Code	Product Description	Measurement Range	N° of Strips
WIDmar-legio-dirc-ALL	Legionella Direct Test Kit [10x tests]	1000 – 1000000 cfu/l	Testcard
WIDmar-legio-indu-ALL	Legionella Industrial Test Kit [5x tests]	100 – 1000000 cfu/l	Testcard
WIDmar-legio-indu-EU	Legionella Industrial EU Test Kit [5x tests]	1000 – 1000000 cfu/l	Testcard
WIDmar-legio-swab-ALL	Legionella Swab Test Kit [4x Tests]	200 – 1000000 cfu/l	Testcard
WIDmar-legio-indu-repl	Refill Packs for Legionella Industrial Test Kit [5x tests]	100 – 1000000 cfu/l	Testcard
WIDmar-legio-risk-ALL	Legionella Risk Assessment Test Kit [2 SWAB + 2 Single Syringe Tests]	100/200 – 100000 cfu/l	Testcard
WIDmar-legio-risk-EU	Legionella Risk Assessment EU Test Kit [2 SWAB + 2 Single Syringe Tests]	1000/200 – 100000 cfu/l	Testcard
WIDmar-legio-sing-EU	Legionella Single Syringe Test Kit [1x test]	100 – 1000000 cfu/l	Testcard
WIDmar-legio-risk-EU	Legionella Single Syringe EU Test Kit [1x test]	1000 – 1000000 cfu/l	Testcard
WIDmar-legio-risk-EU	Legionella Single Swab Test Kit [1x test]	200 – 1000000 cfu/l	Testcard

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



YOUTUBE VIDEO



WATER

OIL

Image of test strips yellow/orange: Image used for general illustration purposes

Water-i.d.® test strips are always packed either in 5 or 10 strips per aluminium blister (5 such 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.

In addition to the general TSL product range, Water-i.d.® also carries a large portfolio of test strips from the WIDmar series which is specially adapted for use in maritime applications.



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	6.8 – 8.2 0.0 – 5.0 mg/l Cl_2 0.0 – 11.0 mg/l Br_2 0 – 240 mg/l CaCO_3
TSL200	3-in-1 Test Strips for the measurement of pH, Active Oxygen (MPS) and Alkalinity values. Each 10 of the 50 strips per bottle are packed in foil.	50	6.8 – 8.2 0 – 15 mg/l MPS 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	6.8 – 8.2 0.0 – 5.0 mg/l Cl_2 0.0 – 11.0 mg/l Br_2 0 – 240 mg/l CaCO_3 0 – 1000 mg/l CaCO_3 0 – 150 mg/l Cya
TSL900	3-in-1 test strips for measuring pH, Hydrogen Peroxide and Alkalinity values. Each 10 of the 50 strips per bottle are packed in foil.	50	6.8 – 8.2 0.5 – 100.0 mg/l H_2O_2 0 – 240 mg/l CaCO_3



REAGENTS OVERVIEW

ADVANTAGES OF WATER-I.D.[®] TABLETS:

LONG SHELF LIFE

DELIVERED IN
PUSH-THROUGH BLISTERS

EXACT DOSAGE

EASY SHIPPING

RAPID DISSOLVING TABLETS
FOR VISUAL TEST METHODS

REAGENTS PRODUCED IN
GERMANY AND 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 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



Parameters:

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

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 – 200 mg/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 PPHAM2 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 Liquid Chloride 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 Liquid PL Chlorine HR 1 PL Chlorine HR 2
TbsPD1MR TbsPD3MR	Chlorine (MR)	122	0.00 – 10.00 mg/l Cl_2	Tablets Tablets DPD N°1 MR Photometer DPD N°3 MR Photometer
TbsPD1 TbsHGC	Chlorine Dioxide (Tablet method)	16	0.00 – 15.00 mg/l ClO_2	Tablets Tablets DPD N°1 Photometer Glycine
PL30DPD1A PL30DPD1B PL30DPDGlycine	Chlorine Dioxide (Liquid method)	64	0.00 – 7.60 mg/l ClO_2	Liquid Liquid Liquid DPD 1A DPD 1B PL DPD Glycine
PPPD1 TbsHGC	Chlorine Dioxide	130	0.00 – 15.00 mg/l ClO_2	Powder P. Tablets DPD N°1 Photometer Glycine
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDGlycine PL30DPDAcidif PL30DPDNeutr	Chlorite	106	0.00 – 8.00 mg/l ClO_2^-	Liquid Liquid Liquid Liquid Liquid Liquid DPD 1A DPD 1B DPD 3C PL DPD Glycine PL DPD Acidifying PL DPD Neutralizing
PLpow10Chromate1 PL30Chromate2	Chromium (Powder + Liquid)	103	0.00 – 1.00 mg/l Cr^{6+}	Powder Liquid PL Chromate N°1 PL Chromate N°2
TbsHChro1 PPPChro2	Chromium (Tablet + Powder Pillow)	94	0.00 – 2.20 mg/l Cr^{3+}	Tablets Powder P. Chromium N°1 Photometer 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 Tablets Copper N°1 Photometer 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 Powder Liquid PL Cyanide-11 PL Cyanide-12 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 Tablets DPD N°1 Photometer DPD N°3 Photometer
PL30DPD1A PL30DPD1B PL30DPD3C	DBNPA (Liquid method)	65	0.00 – 13.00 mg/l DBNPA	Liquid Liquid Liquid DPD 1A DPD 1B DPD 3C
PL65OxyScav1 PL65OxyScav2	DEHA	21	20 – 1000 $\mu\text{g/l}$ DEHA	Liquid Liquid PL Oxygen Scavenger 1 PL Oxygen Scavenger 2
PL30DO1 PL30DO2 PL30DO3	Dissolved Oxygen	163	0.0 – 10.0 mg/l O_2	Liquid Liquid Liquid Dissolved Oxygen N°1 Dissolved Oxygen N°2 Dissolved Oxygen N°3

PRIMELAB 2.0

3/8



Item-Code	Parameter	ID	Measurement Range	Reagent
PL65OxyScav1 PL65OxyScav2	Erythorbic Acid	70	0.00 – 3.50 mg/l Ery. A.	Liquid Liquid PL Oxygen Scavenger 1 PL Oxygen Scavenger 2
PL100SPADNSF	Fluoride (SPADNS)	180	0.00 – 2.00 mg/l F ⁻	Liquid PL SPADNS Fluoride
TbsHCH1 TbsPCH2	Hardness Calcium (Tablet method)	78	0 – 500 mg/l CaCO ₃	Tablets Tablets Calcium-Hardness N°1 Photometer Calcium-Hardness N°2 Photometer
POL20CH1 POL20CH2	Hardness Calcium (Liquid method)	166	0 – 500 mg/l CaCO ₃	Liquid Liquid Calcium Hardness N°1 Calcium Hardness N°2
TbsPCH	Hardness Calcium (HR)	09	50 – 1000 mg/l CaCO ₃	Tablets Calcium Hardness Photometer
TbsPTH	Hardness Total (LR)	56	2.0 – 50.0 mg/l CaCO ₃	Tablets Total Hardness Photometer
TbsPTH	Hardness Total (HR) (Tablet method)	57	20 – 500 mg/l CaCO ₃	Tablets Total Hardness Photometer
PL20TH1 PL10TH2	Hardness Total (HR) (Liquid method)	148	0 – 500 mg/l CaCO ₃	Liquid Liquid Total Hardness N°1 Liquid Total Hardness N°2 Liquid
PL65Hydraz1	Hydrazine	23	5 – 600 µg/l N ₂ H ₄	Liquid PL Hydrazine 1
TbsPHP	Hydrogen Peroxide (LR) (Tablet method)	24	0.00 – 3.80 mg/l H ₂ O ₂	Tablets Hydrogen Peroxide LR Photometer
PL30HydLRP1 PL30HydLRP2	Hydrogen Peroxide (LR) (Liquid method)	66	0.00 – 1.90 mg/l H ₂ O ₂	Liquid Liquid PL Hydrogen Peroxide LR 1 PL Hydrogen Peroxide LR 2
TbsHAFTP PPHPHR	Hydrogen Peroxide (HR) (Tablet + Powder Pillow)	162	0 – 200 mg/l H ₂ O ₂	Tablet Powder P. Acidifying PT Photometer Hydrogen Peroxide HR Photometer
PL65HydHRP1 PL65HydHRP2	Hydrogen Peroxide (HR) (Liquid method)	25	0 – 200 mg/l H ₂ O ₂	Liquid Liquid PL Hydrogen Peroxide HR 1 PL Hydrogen Peroxide HR 2
PL65OxyScav1 PL65OxyScav2	Hydroquinone	26	0.00 – 2.50 mg/l C ₆ H ₆ O ₂	Liquid Liquid PL Oxygen Scavenger 1 PL Oxygen Scavenger 2
TbsPD1	Iodine	27	0.00 – 28.00 mg/l I ₂	Tablets DPD N°1 Photometer
PL30DPD1A PL30DPD1B	Iodine	67	0.00 – 14.00 mg/l I ₂	Liquid Liquid DPD 1A DPD 1B
TbsPILR	Iron (LR)	28	0.00 – 1.00 mg/l Fe ^{2+/3+}	Tablets Iron LR Photometer
TbsHILR1 TbsPILR2	Iron (LR)	199	0.00 – 1.00 mg/l Fe ^{2+/3+}	Tablets Tablets Iron LR N°1 Photometer Iron LR N°2 Photometer
PLpow20IronMR1	Iron (MR)	29	0.0 – 10.0 mg/l Fe ^{2+/3+}	Powder PL Iron MR 1
PLpow20IronMR2	Iron (MR) Ferrous	127	0.0 – 10.0 mg/l Fe ^{2+/3+}	Powder PL Iron MR 2
PL65IronHR1 PL30IronHR2	Iron (HR)	30	0.0 – 20.0 mg/l Fe ^{2+/3+}	Liquid Liquid PL Iron HR 1 PL Iron HR 2
WIDmar-IIO	Iron in Oil	149	0 – 450 mg/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 – 3.00 mg/l $\text{Fe}^{2+/3+}$	Powder P. Iron Photometer
PL30Isoz1 PL65Isoz2 PL65Isoz3 PL65Isoz4 PL30Isoz5	Isothiazolinone	88	0.0 – 10.0 mg/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	0 – 100 mg/l Mg^{2+}	Tablets Magnesium Photometer
PPHMGNSLR1 PPPMGNSLR2	Manganese	31	0.20 – 5.00 mg/l Mn^{2+}	Powder P. Manganese LR N°1 Photometer Powder P. Manganese LR N° 2 Photometer
TbsHMagVLR1 TbsPMagVLR2	Manganese (VLR)	161	0.000 – 0.030 mg/l Mn^{2+}	Tablets Manganese VLR N°1 Tablets Manganese VLR N°2
PL65OxyScav1 PL65OxyScav2	Methylethylketoxime	69	0.00 – 4.10 mg/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 TbsPMDL2	Molybdate (LR)	96	0.0 – 15.0 mg/l MoO_4^{2-}	Tablets Tablets Molybdate LR N°1 Photometer Molybdate LR N°2 Photometer
PL65Moly1	Molybdate (HR) (Liquid method)	33	5.0 – 200.0 mg/l MoO_4^{2-}	Liquid PL Molybdate 1
PPmolyver1 PPmolyver2 PPmolyver3	Molybdate (HR) (Powder Pillow method)	134	0.0 – 40.0 mg/l MoO_4^{2-}	Powder P. Powder P. Powder P. MolyVer 1 MolyVer 2 MolyVer 3
TbsHMDH1 TbsPMDH2	Molybdate (Tablet method)	32	1.0 – 100.0 mg/l MoO_4^{2-}	Tablets Tablets Molybdate HR N°1 Photometer Molybdate HR N°2 Photometer
TbsHNickHR1 TbsPNickHR2	Nickel (HR) (Tablet method)	90	0.0 – 7.0 mg/l Ni^{2+}	Tablets Tablets Nickel HR N°1 Photometer Nickel HR N°2 Photometer
PL65NickHR1 PL30NickHR2 PL60NickHR3	Nickel (HR) (Liquid method)	100	0.0 – 7.0 mg/l Ni^{2+}	Liquid Liquid Liquid PL Nickel HR 1 PL Nickel HR 2 PL Nickel HR 3
PLpow20Nitra1 PL65Nitra2	Nitrate	34	0.00 – 11.00 mg/l N	Powder Liquid PL Nitrate 1 PL Nitrate 2
PPHNitra1 PPPNitra2	Nitrate HR	169	1 – 100 mg/l NO_3^-	Powder P. Powder P. Nitrate N°1 Photometer Nitrate N°2 Photometer
PL190-kit	Nitrate TubeTest	190	1.0 – 30.0 mg/l N	Kit Nitrate TT N°1 vials Nitrate TT N°2 Powder P. Deionised water
PPPNiLR	Nitrite (LR)	35	0.00 – 0.50 mg/l N	Powder P Nitrite LR Photometer
PLpow10NitriHR1	Nitrite (HR) (Powder method)	36	5 – 200 mg/l NaNO_2	Powder PL Nitrite HR 1
TbsHNiHR1 TbsPNiHR2	Nitrite (HR) (Tablet method)	97	0 – 1500 mg/l NaNO_2	Tablets Tablets Nitrite HR N°1 Photometer Nitrite HR N°2 Photometer
PL65NitriteHR2	Nitrite (HR) (Liquid method)	101	0 – 3000 mg/l NO_2^-	Liquid PL Nitrite HR 2
PL151-kit	Nitrogen-Total (LR)	151	0.5 – 25.0 mg/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 – 150 mg/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 – 5.40 mg/l O_3	Tablets Tablets Tablets DPD N°1 Photometer DPD N°3 Photometer Glycine



PRIMELAB 2.0

6/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDGlycine	Ozone (Liquid method)	92	0.00 – 2.70 mg/l O ₃	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Glycine
TbsPD4	Peracetic Acid (LR)	164	0.00 – 10.00 mg/l PAA	Tablets DPD N°4 Photometer
PPPCIHR PPHAFG	Peracetic Acid (HR)	165	0.0 – 300.0 mg/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	pH 5.20 – 6.80	Tablets Bromocresolpurple
TbsPPerm	Permanganate Value Photometer	201	0 - 30 mg/l PV	Permanganate Value Photometer
TbsPpH	pH-value (MR) (Tablet method)	38	pH 6.40 – 8.40	Tablets Phenol Red Photometer
PL65PhenRed	pH-value (MR) (Liquid method)	39	pH 6.40 – 8.40	Liquid Phenol Red Liquid
TbsPUPH	pH-Universal (Tablet method)	41	pH 5.0 – 11.0	Tablets pH Universal Photometer
PL65UnivpH	pH-Universal (Liquid method)	42	pH 4.0 – 11.0	Liquid PL pH 4-11
TbsHPhen1 TbsPPhen2 TbsPPhen3	Phenol	98	0.00 – 5.00 mg/l Phenol	Tablets Phenol N°1 Photometer Tablets Phenol N°2 Photometer Tablets Phenol N°3 Photometer
TbsPPB	PHMB	43	2 – 60 mg/l PHMB	Tablets PHMB Photometer
PPHPPLR1 TbsPPPLR2	Phosphate (LR) (Tablet + Powder Pillow)	44	0.00 – 4.00 mg/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 – 4.00 mg/l PO ₄ ³⁻	Liquid PL Phosphate LR 1 Powder PL Phosphate LR 2
PPHPPHR1 TbsPPPHR2	Phosphate (HR) (Tablet + Powder Pillow)	46	0 – 80 mg/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 – 100 mg/l PO ₄ ³⁻	Liquid PL Phosphate HR 1 Liquid PL Phosphate HR 2
PLpow20PPHON1 PLpow20PPHON2 PL65PPHON3 PLpow20PPHON4	Phosphonate	87	0.0 – 20.0 mg/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 – 2.60 mg/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 – 52.0 mg/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 – 30.0 mg/l Polyacr.	Liquid Liquid PL Polyacrylate 1 PL Polyacrylate 2
TbsPPTST	Potassium	48	0.7 – 12.0 mg/l K ⁺	Tablets Potassium Photometer
--	PTSA	111	0 – 1000 µg/l PTSA	--
PL65HydHRP1 PL65HydHRP2	Sanosil	173	0 – 400 mg/l Sanosil	Liquid Liquid PL Hydrogen Peroxide HR 1 PL Hydrogen Peroxide HR 2
PL25SiLR1 PL25SiLR2 PPPSiLR3	Silica (LR)	49	0.00 – 5.00 mg/l SiO ₂	Liquid Liquid Powder Silica N°1 Silica N°2 Silica N°3
PLpow20SiHR1 PLpow60SiHR2 PLpow10SiHR3	Silica (HR)	50	0 – 100 mg/l SiO ₂	Powder Powder Powder PL Silica HR 1 PL Silica HR 2 PL Silica HR 3
PPPCIHR PPHAFG	Sodium Hypochlorite (Powder Pillow method)	51	0.2 – 40.0 % NaOCl	Powder P. Powder P. Chlorine HR (KI) Acidifying GP
PL65CIHR1 PL65CIHR2	Sodium Hypochlorite (Liquid method)	68	0.2 – 40.0 % NaOCl	Liquid Liquid PL Chlorine HR 1 PL Chlorine HR 2
PPPSULP	Sulphate	54	5 – 100 mg/l SO ₄ ²⁻	Powder P. Sulphate Photometer
PLpow10SULPHA1	Sulphate	55	5 – 100 mg/l SO ₄ ²⁻	Powder PL Sulphate 1
TbsHSULFD1 TbsPSULFD2	Sulphide (Tablet method)	52	0.04 – 0.50 mg/l S ²⁻	Tablets Tablets Sulphide N°1 Photometer Sulphide N°2 Photometer
HaSulfide1 HaSulfide2	Sulphide (Liquid method)	140	0.00 – 0.70 mg/l S ²⁻	Liquid Liquid Sulfide 1 Photometer (Hach) Sulfide 2 Photometer (Hach)
TbsPSULFTLR	Sulphite (LR)	53	0.0 – 5.0 mg/l SO ₃ ²⁻	Tablets Sulphite LR Photometer
TbsHSULFHR1 TbsPSULFHR2	Sulphite (HR) (Tablet method)	105	0 – 300 mg/l Na ₂ SO ₃	Tablets Tablets Sulphite HR N°1 Photometer Sulphite HR N°2 Photometer
PL65OxyScav1 PL65OxyScav2	Sulphite (HR) (Liquid method)	174	0 – 200 mg/l SO ₃ ²⁻	Liquid Liquid PL Oxygen Scavenger 1 PL Oxygen Scavenger 2
PL65Tannin1 PL30Tannin2	Tannic acid	91	0 – 200 mg/l Ta. Acid	Liquid Liquid PL Tannin 1 PL Tannin 2
PL197-Kit	Total Organic Carbon (LR)	197	5.0 – 80.0 mg/l TOC	Kit TOC-1K TOC-2K
PL198-Kit	Total Organic Carbon (HR)	198	50 – 800 mg/l TOC	Kit TOC-1K TOC-2K



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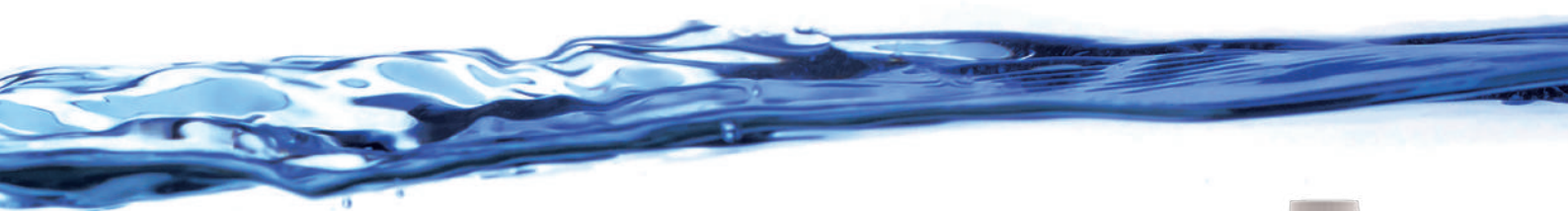
8/8

Item-Code	Parameter	ID	Measurement Range	Reagent
PL30DPD1A PL30DPD1B PL30DPD3C PL30DPDAcidif PL30DPDNeutr	Total Oxidant	108	0.03 – 4.00 mg/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 – 4.00 mg/l Cl_2	Liquid DPD 1A Liquid DPD 1B Liquid DPD 3C Liquid PL DPD Acidifying Liquid PL DPD Neutralising
PPHAM1 PPPAM2 PL30Urea1 PL10Urea2	Urea	120	0.1 – 2.5 mg/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 PL10Urea2	Urea (HR)	150	0.2 – 5.0 mg/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 – 1.00 mg/l Zn^{2+}	Tablets Copper/Zinc LR Photometer Tablets EDTA Tablets Dechlor

EASYSHAKER 2.0



Item-Code	Type	Category	Measurement Range
WIDmar-Aluvis	--	Comparator	--
WIDmar-Bnreag	BN reagent	EasyShaker	5 – 150 BN [mgKOH/g]
WIDmar-EasyService-kit	--	EasyShaker	--
WIDmar-Wioreag-set	WiO Reagent jelly paste/ WiO Solvent	EasyShaker	0.03 – 10.0 V%
WIDmar-testcleaner	Test kit Cleaner	EasyShaker	--
WIDmar-saltdeterm	Saltesmo	Liquids	Yes/no



TOTAL RESIDUAL REAGENT (TRO) CALIBRATION KIT



Item-Code	Kit	Category	Measurement Range
WIDmar-TROcali	1x 500ml Total Chlorine Buffer solution 4x 125ml Total Chlorine Indicator solution 4x DPD powder (13 g)	calibration kit	-



COMPARATOR

1/3

Item-Code	Parameter	Measurement Range	Reagent	Category
TbsPD4	Active Oxygen (MPS)	0.0 – 20.0 mg/l MPS	DPD N°4	Tablet
TbsPTA	Alkalinity	0 – 200 mg/l CaCO ₃	Alkalinity-M	Tablet
TbsHALM1 TbsPALM2	Aluminium	0.00 – 0.30 mg/l Al ³⁺	Aluminium N°1 Aluminium N°2	Tablet Tablet
PPHAM1 PPPAM2	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 TbsPCH2	Calcium Hardness	0 – 500 mg/l CaCO ₃	Calcium Hardness N°1 Calcium Hardness N°2	Tablet Tablet
PL30OxyScav1 PL65OxyScav2	Carbohydrazide	0.00 – 0.65 mg/l CH ₆ N ₄ O	Oxygen Scavenger 1 Oxygen Scavenger 2	Liquid Liquid
TbsHCRD1 TbsPCRD2	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 – 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
TbsHCu1 TbsPCu2	Copper	0.0 – 5.0 mg/l Cu ^{2+/3+}	Copper N°1 Copper N°2	Tablet Tablet
TbsPCZLR TbsHDC TbsHED	Copper / Zinc LR	0.0 – 1.0 mg/l Cu ²⁺ /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 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 PPPMGNSLR2	Manganese	0.00 – 5.00 mg/l Mn^{2+}	Manganese LR N°1 Manganese LR N°2	Powder Pillow Powder Pillow
TbsHMDH1 TbsPMDH2	Molybdate HR	0 – 100 mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
PPHNitra1 PPPNitra2	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 Tablet
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 PPPSiL3	Silica LR	0.00 – 5.00 mg/l SiO ₂	Silica N°1 Silica N°2 Silica N°3	Liquid Liquid Powder Pillow
PLpow20SiHR1 PLpow60SiHR2 PLpow10SiHR3	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 TbsPSULFD2	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 TbsPALM2	Aluminium	0.00 – 0.30 mg/l Al ³⁺	Aluminium N°1 Aluminium N°2	Tablet Tablet
PPHAM1 PPPAM2	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 TbsPCH2	Calcium Hardness	0 – 500 mg/l CaCO ₃	Calcium Hardness N°1 Calcium Hardness N°2	Tablet Tablet
PL30OxyScav1 PL65OxyScav2	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 TbsPCRD2	Chloride	0 – 40 mg/l Cl ⁻	Chloride N°1 Chloride N°2	Tablet Tablet
TbsHCu1 TbsPCu2	Copper	0.0 – 5.0 mg/l Cu ²⁺	Copper N°1 Copper N°2	Tablet Tablet
TbsPCZLR TbsHDC TbsHED	Copper / Zinc LR	0.0 – 1.0 mg/l Cu ²⁺ /Zn ²⁺	Copper Zinc LR Dechlor EDTA	Tablet Auxiliary Auxiliary



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	Liquid Liquid
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 $\text{Fe}^{2+/3+}$	Iron LR	Tablet
TbsPIHR	Iron HR	1.0 – 10.0 mg/l $\text{Fe}^{2+/3+}$	Iron HR	Tablet
TbsPmag	Magnesium	0 – 100 mg/l Mg^{2+}	Magnesium	Tablet
PPHMGNSLR1 PPPMGNSLR2	Manganese	0.00 – 5.00 mg/l Mn^{2+}	Manganese LR N°1 Manganese LR N°2	Powder Pillow Powder Pillow
TbsHMDH1 TbsPMDH2	Molybdate HR	0 – 100 mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
TbsHMDH1 TbsPMDH2	Molybdate VHR	0 – 500 mg/l MoO_4^{2-}	Molybdate HR N°1 Molybdate HR N°2	Tablet Tablet
PPHNitra1 PPPNitra2	Nitrate HR	1 – 100 mg/l NO_3^-	Nitrate HR N°1 Nitrate HR N°2	Powder Pillow Powder Pillow
PPPNiLR	Nitrite 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 PLpow60SiHR2 PLpow10SiHR3	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 TbsPSULFD2	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 – 1.0 mg/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	10 – 500 mg/l CaCO ₃	Total Alkalinity TC Tablet Count	RAPID
TbsRAP...	SVZ550/SVZ555 → Alkalinity-P	20 – 500 mg/l CaCO ₃	Alkalinity-P TC	RAPID
PPHAPB...	SVZ555 → Alkalinity-P	Auxiliary reagent	Alkalinity-P (BaCl ₂) TC Tablet Count	RAPID
TbsRCH...	SVZ1300 → Calcium Hardness	10 – 500 mg/l CaCO ₃	Calcium Hardness TC Tablet Count	RAPID
PPHCHSWC	SVZ1300 → Calcium Hardness	Auxiliary reagent	Sea Water Conductivity Powder	Powder Pillow
TbsRCD...	SVZ1600 → Chloride	0 – 5000 mg/l Cl ⁻	Chloride TC Tablet Count	RAPID
TbsRCAS...	SVZ2700 → Cleaning Acid Strength	0.75 – 10.00 % Acid.	CAS Tablet Count	RAPID
TbsPCAT...	SVT1100 → Cyanuric Acid	20 – 200 mg/l Cya	CYA Test	Photometer
TbsRNT2...	SVZ1700 → Nitrite	70 – 2800 mg/l NaNO ₂	Nitrite N°2 Tablet Count	RAPID
TbsHNT1...	SVZ1700 → Nitrite	Auxiliary reagent	Nitrite N°1 Tablet Count	RAPID
TbsRPerm...	SVS2800 → Permanganate Value	PV 0 → 30 Perm. Value / BOD / COD / TOC	Permanganate Value*	RAPID Tablet Count
PPHASE...	SVS2800 → Permanganate Value	Auxiliary reagent	Acidifying SE Powder Pillow	RAPID
SVR-TKPI-65	SVZ3700 → Phosphonate	0 – 20 mg/l Phos.	„TKPI - PBTC Buffer“	Liquid
SVR-TKP5-65	SVZ3700 → Phosphonate	0 – 20 mg/l Phos.	„TKP5 - PBTC Titrant“	Liquid
SVR-TKPI4L-65	SVZ3700 → Phosphonate	0 – 20 mg/l Phos.	„TKPI4L - 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...	SVZ1800/SVZ1850 → Sulphite	Auxiliary reagent	Sulphite N°1 Tablet Count	RAPID
TbsRSPIL2...	SVZ1800 → Sulphite LR	2 – 50 mg/l Na ₂ SO ₃	Sulphite No.2 (LR) Tablet Count	RAPID
TbsRSPIH2...	SVZ1850 → Sulphite HR	10 – 500 mg/l Na ₂ SO ₃	Sulphite No.2 (HR) Tablet Count	RAPID
TbsRTH...	SVZ1400 → Total Hardness HR	10 – 500 mg/l CaCO ₃	Total Hardness TC Tablet Count	RAPID
TbsRTHLR...	SVZ1450 → Total Hardness LR	1 – 50 mg/l CaCO ₃	Total Hardness LR TC Tablet Count	RAPID
TbsRTHJN...	SVJ1400 → Total Hardness yes-no	4 / 8 / 20 mg/l CaCO ₃	Hardness yes/no Tablet Count	RAPID
TTpow40THIndic	TT65THLR → Total Hardness	5 - 600 mg/l CaCO ₃	Indicator Powder	
TT65THbuffer			Buffer Solution for	
TT65THHR			HR Titration Solution	
TT65THLR			LR Titration Solution	

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

PPE

(PERSONAL PROTECTIVE EQUIPMENT)

GLOVES

SAFETY GLASSES

MASKS

RELIABLE PROTECTION



WATER

OIL

FUEL

In addition to our wide range of products, we also pay great attention to maintaining the health of our users.

Many things are quickly forgotten due to the time-critical activity on board. Even though Water-i.d.[®] products do not contain many hazardous chemicals, the appeal goes out to the user:

Protect yourself by using at least disposable gloves and safety goggles!



Item-Code	Product Description PPE	Packsize
WIDmar-gloves100l	Nitrile gloves size L; color black or white [color depending on stock]	100
WIDmar-gloves100xl	Nitrile gloves size XL; color black or white [color depending on stock]	100
WIDmar-glasses1	Safety glasses budget, plastic frame, Onesize	1
WIDmar-glasses2	Safety glasses Premium. Adjustable temple length allows for a good individual fit. 5-position adjustable temple length. Wrap-around design for increased sense of safety. Unrestricted field of vision. Highest optical grade (1) for distortion-free vision.	1
WIDmar-safeeye	Eye wash bottle for eye emergencies; bottle contains sterile sodium chloride solution (0.9 %). Equipped with an ergonomically shaped eye cup and dust cap.	1
WIDmar-ffp2mask	FFP2 masks, regulation compliant according to DIN EN 149	5

COOPERATIONS, SPECIAL PROJECTS AND SUPPORTERS



1 NO BOTTLE TO SEEA



It is more than just a matter of the heart that we at Water-i.d.® support every shipowner, ship chandler, ship operator and trader 100% in the issue of banning plastic bottles from every ship in the world.

With knowledge and the relevant test kits we are all at your side. With water treatment builders in the cooperation, we can proceed quickly and efficiently.

Contact us today to see how you can save money and waste after only 6 months!

2 VIKING LIFE SAVING EQUIPMENT



Safety, along with environmental protection, is an extremely important issue for Water-i.d.®.

Therefore, we recommend the products of Viking Life Saving Equipment with a clear conscience. Take a look for yourself at:

<https://www.viking-life.com/en>
(or scan the QR code)



NOTES

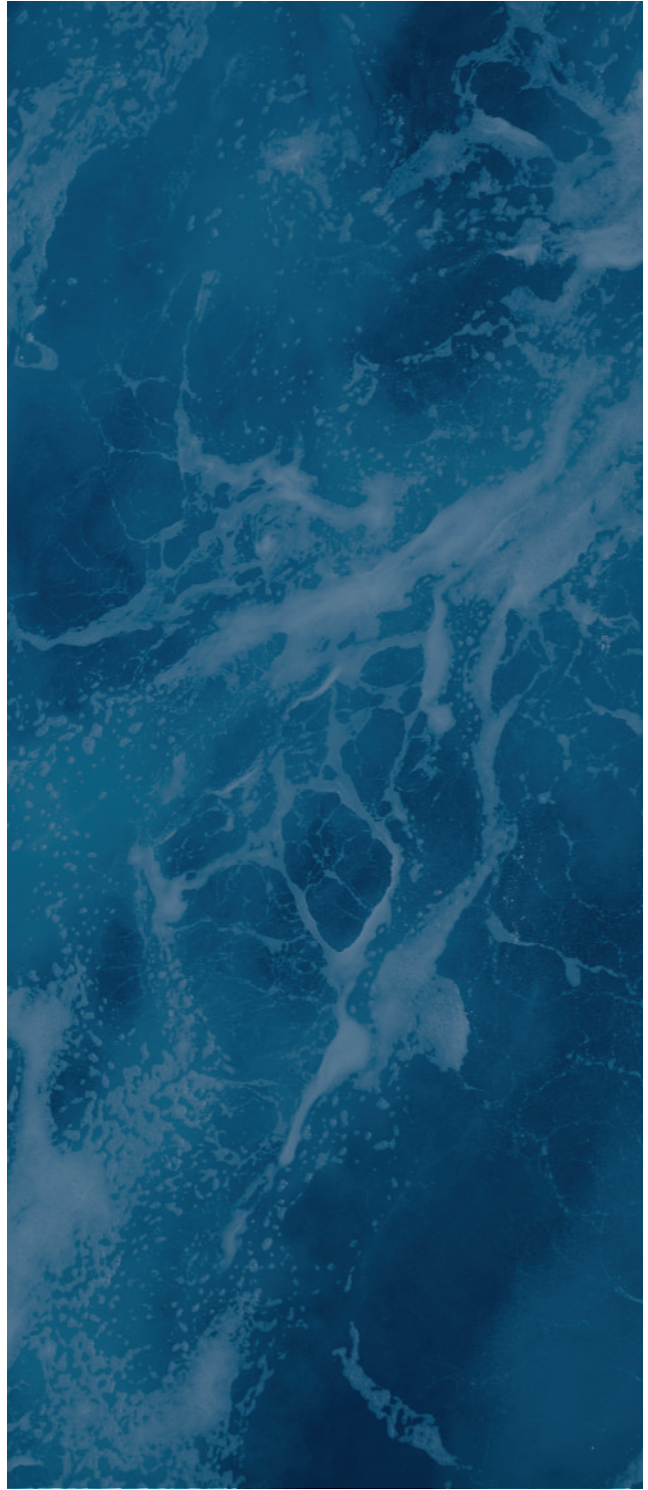
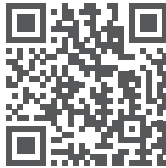
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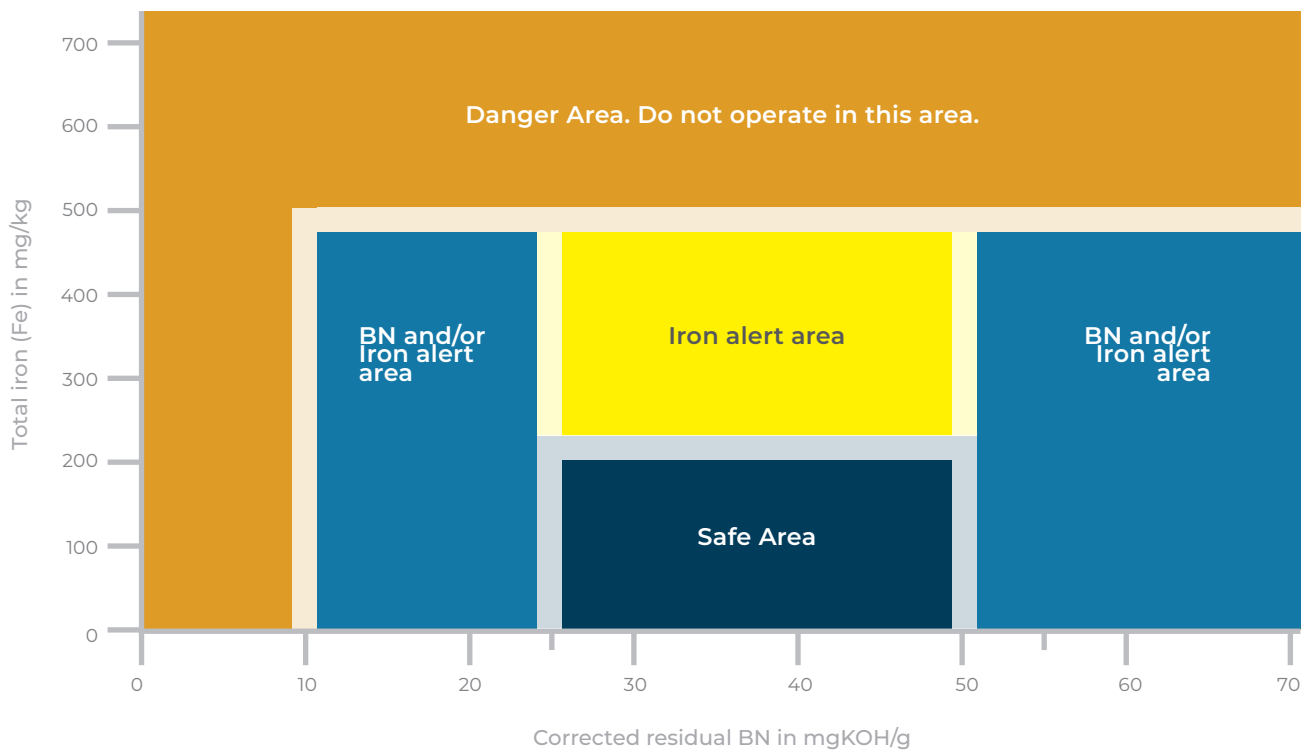
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The graphic shown here is intended as an example, but without any claim to correctness or validity.



"The pessimist complains about the **wind**, the optimist hopes it will turn, the realist adjusts the **sail**."

– Sir William Ward, (1837 – 1924)





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