

A Step Ahead in Testing!



- ◆ Accurate and Reliable Water Testing
- ◆ 1 JENCOLOR Sensor - ALL Parameters
- ◆ Fast Bluetooth® - Connection
- ◆ Powerful Software

Made in Germany



- Unique technology and product especially for Marine use.
- New way of testing electronically and reporting at sametime to head office.
- Accurate tests and easy way of testing.
- World wide availability.
- Extra reagents not needed for one year.
- Yearly order for reagents saving time and money.
- Photometer can accept all other new parameters / tests might be needed in future at very low cost.
- Time saving for purchasing departments.
- Time saving for Engineers on reporting and checking – sending to head office.
- Corrections on treatment and instructions are given automatically by photometer itself.
- Heavy case to carry.
- Connected to Mobile phones so all have access on info.





Technical details / features

Dimensions:	175 mm × 88 mm × 59 mm
Weight:	160 g
Spectral range:	380 nm – 780 nm with 7 open channels and ±40 nm overlap each
Data Transmission:	Built-in Bluetooth®-module
Calibration:	Auto-calibration by JENCOLOR sensor; determination of LED brightness
One Time Zero:	Intelligent OTZ (One Time Zero) function, detecting different ZERO types
Internal memory:	100 data records / 20 accounts records
Clock / Date:	RTC (real-time clock) with date function
Auto-Off:	Default = 10 minutes. Individually adjustable
Menu navigation:	Intuitive, display-controlled 4-button menu system; test instructions during the measurement process (can be skipped)
Power supply:	Optionally 4 × 1.5 V AAA batteries or 100–240 V AC, 50/60 Hz, 0.2 A → 5.0 V, 1200mA, 6 W
Display:	Graphical LCD display, monochrome
Operating languages:	German, English, Spanish, French
Environment:	5 °C – 45 °C (41 °F – 113 °F) / 30 % – 90 % rel. humidity
Water resistancy:	The unit is splash-proof
Reagents:	The calibration curves of the individual parameters are matched to the reagents offered by the manufacturer. The use of reagents by other manufacturers may result in measurement errors. The scope of delivery of the PrimeLab includes solely high-quality reagents "Made in Germany" and "Made in Britain".

All in One Kit

Item-code	Product	Quantity
EFL-case	Professional Alu-carrying case (trolley) with matching foam inserts	1
SVS2800	Mini-Kit: "Permanganate Value (PV)" Contains: 3 x 100ml shaker tube 1 x plastic stirring rod 1 x cleaning brush 500 tablets Acidifying SE 1500 tablets Permanganate Value	1
FT15	El. Meter pH (0.00 - 14.00 pH) and Temp. (0.0 - 50.0°C). 1 point manual calibration. Incl. 4 x 1.5 V batteries. In a dark blue plastic case English manual	1
FT33	El. Meter EC (0.00 - 19.99 mS/cm). In a leather like bag with belt clip 1 pint manual calibration. Pictorgraphical manual	1
EMphbuf700	20ml sachet / buffer solution "7.00 pH". 1-time-use	6
EMecbuf1413	20ml sachet / buffer solution "1413"	6
BactD006	10 dipslides: PDM/MAC Dipslide Tests for Pseudomonas species and Coliforms for potable water, pools and spas. Flexible paddle for effective surface contact	1
BactEDT057-35	Incubator 2 Dipslides preset to 35°C	1
Total		18

Photometer-Kit

Item-code	Product	Quantity
PL01B	PrimeLab 1.0 Multitest Photometer BASIC-KIT / contains: 1 x PrimeLab 1.0 Multitest Photometer 1 x black plastic case 4 x 24mm/10ml glass vials 1 x light shield 1 x stirring rod 1 x 10ml syringe 1 x cleaning brush 1 x Bluetooth USB dongle 1 x CD with PrimeLab software(Windows) 4 x AAA batteries 1 x 110V/230V interchangeable power supply 1 x full manual	1
Total		1

Accessories

Item-code	Product	Quantity
PL-SPkv2410	24mm/10ml glass vial with black cap (light shield included)	6
Spstr1	10.5 cm plastic stirring rod	1
PLSp-InjFil-1	Luer lock syringe (20ml) with adapter for filter holder (PLSp-Filtad1)	1
PLSp-Filtad1	Filter holder to be attached to PLSp-InjFil-1 / to hold 25mm filter	1
PLSp-FiltGFC	25mm GF/C filter paper. Can of 50 filter papers	1
PLSp-PIP10ml	10ml pipette (variable volume 1-10ml)	1
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette	1
Total		12

Add on Parameters

Item-code	Product	Quantity
PLPar5	ID 05 / Alkalinity-M / 5 - 200 mg/l / tablet	1
PLPar6	ID 06 / Alkalinity-P / 5 - 300 mg/l tablet	1
PLPar10	ID 10 / Chloride / 0.5 - 25 mg/l / tablet	1
PLPar11	ID 11 / Chlorine / 0 - 8 mg/l / tablet	1
PLPar14	ID 14 / Chlorine (HR) 5 - 200 mg/l / tablet	1
PLPar16	ID 16 / Chlorine Dioxide / 0 - 15 mg/l / tablet	1
PLPar18	ID 18 / Copper / 0 - 5 mg/l / tablet	1
PLPar21	ID 21 / DEHA / 20 - 1000 mg/l / liquid	1
PLPar56/57	ID 56/57 / Hardness-Total (LR/HR) / 2(20) - 50(500) mg/l / tablet	1
PLPar90	ID 90 / Nickel (HR) / 0 - 7 mg/l / tablet	1
PLPar97	ID 97 / Nitrite (HR) / 0 - 1500 mg/l / tablet	1
PLPar46	ID 46 / Phosphate (HR) / 0 - 80 mg/l / tablet	1
PLPar81	ID 81 / Suspended solids / 0 - 750 mg/l	1
PLPar59	ID 59 / Turbidity / 20 - 1000 mg/l (FAU)	1
Total		14

Reagents

Item-code	Product	Quantity
Alkalinity-M (ID 05) TbsPTA250	250 tablets Alkalinity-M	1
Alkalinity-P (ID 06) TbsPTA250	250 tablets Alkalinity-P	1
Chloride (ID 10) TbsHCRD1250	250 tablets Chloride N° 1	1
Chloride (ID 10) TbsPCRD2250	250 tablets Chloride N° 2	1
Chlorine (ID 11) TbsPD1250	50 tablets DPD N° 1	1
Chlorine (ID 11) TbsPD3250	50 tablets DPD N° 3	1
Chlorine HR (ID 14) TbsPCLHR50	50 tablets Chlorine HR (KI)	1
Chlorine HR (ID 14) TbsHAFG50	50 tablets Acidifying GP	1
Chlorine Dioxide (ID 16) TbsPD1250	50 tablets DPD N° 1	1
Chlorine Dioxide (ID 16) TbsHGC250	50 tablets Glycine	1
Copper (ID 18) TbsHCu1100	50 tablets Copper N° 1	1
Copper (ID 18) TbsPCu2100	50 tablets Copper N° 2	1
PL65OxyScav1	65ml PL Oxygen Scavenger 1 (270 tests)	1
PL65OxyScav2	65ml PL Oxygen Scavenger 2 (65 tests)	1
Total Hardness (ID 56/57) TbsPTH250	100 tablets Total Hardness	1
Nickel (ID 90) TbsHNiHR1100	50 tablets Nickel HR N° 1	1
Nickel (ID 90) TbsPNiHR2100	50 tablets Nickel HR N° 2	1
Nitrite (ID 97) TbsHNIHR150	50 tablets Nitrite HR 1	1
Nitrite (ID 97) TbsPNIHR250	50 tablets Nitrite HR 2	1
Phosphate (ID 46) TbsHPPHR1250	100 tablets Phosphate HR N° 1	1
Phosphate (ID 46) TbsPPPHR2250	50 tablets Phosphate HR N° 2	1
Total		21

Potable Water Treatment & Sewage

Item-code	Product	Quantity
EFL-case	Professional Alu-carrying case (trolley) with matching foam inserts	1
SVS2800	Mini-Kit: "Permanganate Value (PV)" Contains: 3 x 100ml shaker tube 1 x plastic stirring rod 1 x cleaning brush 500 tablets Acidifying SE 1500 tablets Permanganate Value	1
FT15	El. Meter pH (0.00 - 14.00 pH) and Temp. (0.0 - 50.0°C). 1 point manual calibration. Incl. 4 x 1.5 V batteries. In a dark blue plastic case. English manual	1
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EMphbuf700	20ml sachet / buffer solution "7.00 pH". 1-time-use	6
EMecbuf1413	20ml sachet / buffer solution "1413 µS/cm". 1-time-use	6
BactD006	10 dipslides: PDM/MAC Dipslide Tests for Pseudomonas species and Coliforms for potable water, pools and spas. Flexible paddle for effective surface contact	1
BactEDT057-35	Incubator 2 Dipslides preset to 35°C	1
Total		18

Photometer-Kit

Item-code	Product	Quantity
PL01B	BASIC-KIT / contains: 1 x PrimeLab 1.0 Multitest Photometer 1 x black plastic case 4 x 24mm/10ml glass vials 1 x light shield 1 x stirring rod 1 x 10ml syringe 1 x cleaning brush 1 x Bluetooth USB dongle 1 x CD with PrimeLab software(Windows) 4 x AAA batteries 1 x 110V/230V interchangeable power supply 1 x full manual	1
Total		1

Accessories

Item-code	Product	
PL-SPkv2410	24mm/10ml glass vial with black cap (light shield included)	6
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PLSp-PIP10ml	10ml pipette (variable volume 1-10ml)	1
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette	1
Total		9

Add on Parameters

Item-code	Product	
PLPar11	ID 11 / Chlorine / 0 - 8 mg/l / tablet	1
PLPar14	ID 14 / Chlorine (HR) 5 - 200 mg/l / tablet	1
PLPar16	ID 16 / Chlorine Dioxide / 0 - 15 mg/l / tablet	1
PLPar18	ID 18 / Copper / 0 - 5 mg/l / tablet	1
PLPar56/57	ID 56/57 / Hardness-Total (LR/HR) / 2(20) - 50(500) mg/l / tablet	1
PLPar90	ID 90 / Nickel (HR) / 0 - 7 mg/l / tablet	1
PLPar81	ID 81 / Suspended solids / 0 - 750 mg/l	1
PLPar59	ID 59 / Turbidity / 20 - 1000 mg/l (FAU)	1
Total		8

Reagents

Item-code	Product	Quantity
Chlorine (ID 11) TbsPD1250	50 tablets DPD N° 1	1
Chlorine (ID 11) TbsPD3250	50 tablets DPD N° 3	1
Chlorine HR (ID 14) TbsPCLHR50	50 tablets Chlorine HR (KI)	1
Chlorine HR (ID 14) TbsHAFG50	50 tablets Acidifying GP	1
Chlorine Dioxide (ID 16) TbsPD1250	50 tablets DPD N° 1	1
Chlorine Dioxide (ID 16) TbsHGC250	50 tablets Glycine	1
Copper (ID 18) TbsHCu1100	50 tablets Copper N° 1	1
Copper (ID 18) TbsPCu2100	50 tablets Copper N° 2	1
Total Hardness (ID 56/57) TbsPTH250	100 tablets Total Hardness	1
Nickel (ID 90) TbsHNickHR1100	50 tablets Nickel HR N° 1	1
Nickel (ID 90) TbsPNickHR2100	50 tablets Nickel HR N° 2	1
Total		11





PrimeLab.exe

PRIMELAB_{1.0} MULTITEST

Photometer meets Future

Photometers for electronic and highly accurate determination of water values are standard equipment in every laboratory.

Similarly, mobile phones are standard equipment in our daily lives, and yet over the past few decades they have continuously adapted to technical progress.

Do you still make calls today with a mobile phone of past generations from 10 or 20 years ago or do you prefer the benefits of smartphones with fast *Bluetooth*® - wireless technology -, synchronisation with your PC software, apps and many other technical advantages?

How about your photometer?
Has it kept pace with technological progress, or do you still transmit your data via a serial port, an IR interface or even not at all?
Is your data analysis restricted to predefined parameters? Did you have a choice of which parameters you want to measure?
Is the performance of your photometer limited to a few or even only one wavelength?

The "PrimeLab 1.0 Multitest" is a high-tech photometer of the latest generation.

Small and handy, but incredibly powerful thanks to the multi-spectral JENCOLOR sensor.

Quick and easy wireless connection
Bluetooth
"PrimeLab Desktop Assistant"
software.



Use the Software "PrimeLab Desktop Assistant" for:

Uploading further measurement methods on the PrimeLab
Convenient management of test results with reporting function

Create proposals for water treatment on the basis of
measurement results by entering your water treatment
chemicals as well as ideal ranges (min/max) per parameter.

Update the PrimeLab firm- and software
Remote control your PrimeLab

Basic equipment

- PrimeLab Multitest with integrated *Bluetooth*[®]-module
- Black plastic case
- DC adapter (220/110 V) with interchangeable international plugs
- 4 × AAA 1.5 V batteries
- *Bluetooth*[®]-USB dongle for wireless connection to your PC
- CD-ROM "PrimeLab Desktop Assistant"
- 2 × 24 mm standard round cuvette (glass / 10 ml) with light absorber integrated into lid
- Light protection lid for 16 mm standard cuvettes
- 10 ml syringe
- Cleaning brush for cuvettes
- Stirring rod

Optional

- Adapter for COD 16 mm "Prepared" cuvettes
- 100 ml plastic measuring tube
- Filter unit for filtering water samples

Installed parameters/ measurement methods

The parameters / measurement methods installed on the PrimeLab may be individually defined by the user and extended at any time after purchase by entering activation codes into the software. Thus also subsequently developed measurement methods can still be installed.

The PrimeLab will never become obsolete.



BLENDING FACILITIES: UNIMARINE SPAIN CHEMICAL PRODUCTIONS S.L EFLO CHEM CHEMICALS BLENDING CO (U.A.E.)



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