



PRIMELAB 2.0

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, 4G**, BLUETOOTH®

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

ANIMATIONS



FREE SOFTWARE, APP & CLOUD



SCAN ME!



*FOR CHARGING, DATA TRANSFER, PROBE CONNECTION AND 4G** MODEM

**VIA USB INTERNET STICK | ACCESSORIES | POSSIBLY SUBJECT TO A CHARGE FOR CONNECTION

FEATURES

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

High-precision readings due to 18 parallel wavelengths, WiFi-USB-Bluetooth®- 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 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 PrimeLab 1.0, 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 and barcodes to identify accounts (sampling points or locations) set up by the user and to identify reagents with QR code/barcode on the packaging.

Advantages of these options are:

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

Over time, water analysis has become much more than just a test. Real-time availability of reliable test results and data management are as important as the test results themselves. The PrimeLab 2.0 is the ultimate in connectivity! With WiFi-USB-GSM**(via USB modem)-Bluetooth® 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 in the lab, on site or on a ship, cooling tower - in fact anywhere - the data can be transferred easily and automatically.

PARAMETERS

Active Oxygen | Aluminium | Ammonia | Boron | Bromine | COD | Chloride | Chlorine | Chlorine Dioxide | Chlorite | Chromium | Colour | Copper | Cyanide | Cyanuric Acid | DBNPA | Dissolved Oxygen | Fluorescein | Fluoride | Hardness | Hydrazine | Hydrocarbons | Hydrogen Peroxide | Iodine | Iron | Isothiazolinone | Legionella | Magnesium | Manganese | Molybdate | Nickel | Nitrate | Nitrite | Nitrogen | Oxygen Scavengers | Ozone | PHMB | PTSA | Peracetic Acid | Permanganate | Phenol | Phosphate | Phosphonate | Phosphorus | Polyacrylate | Potassium | QAC | Silica | Sod. Hypochloride | Sulphate | Sulphide | Sulphite | Suspended Solids | Tannin | Total Alkalinity | Transmission | Turbidity | Urea | Zinc | pH

More information on PrimeLab parameters, sub-parameters, test ranges and resolution at www.primelab.org. We are constantly developing further parameters, which are also available for PrimeLabs already in use as software and app updates via the internet.

KITS

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

BASIC KIT:

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

At www.primelab.org, you can view the latest parameter list!

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.



WRITE TO SALES@PRIMELAB.ORG AND TELL US THE PARAMETERS YOU NEED. WE GLADLY PROVIDE YOU WITH A QUOTATION!