

PrimeLab Photometer: Tank Wash Test (Methanol) Kit



Contents

Photometer meets the Future	2
Testing in Line With ASTM Standards	2
Expandable 5 Parameters kit for Methanol Wall Wash Samples.....	2
Tank Wash Test (Methanol) Parameters	3
Technical Details.....	3
Content:.....	4

PrimeLab Device Operates in Multiple Languages:

- English (en)
- Spanish (es)
- French (fr)
- Germany (de)

Photometer meets the Future

Photometers for electronic and highly accurate determination of water values are standard equipment in every laboratory. Similarly, mobile phones are the standard equipment in our daily lives, and yet over the past few decades they have continuously adapted to technical progress.

Introducing the next generation of photometers!

Data connection via Bluetooth® - wireless technology -within seconds, similar to your smartphone in your car. A sensor by JENCOLOR with unprecedented accuracy, able to measure all parameters where colour development is visible to the human eye after adding a reagent (visible wavelength).

Software that will offer you not only user-based management of your measurement sources (e.g. pools) and related measurement data but also offer advice on adjusting the water values back to ranges defined by you.

Software allowing you to easily upload additional parameters on your Photometer. A device that auto-calibrates itself within milliseconds at the push of a button without having to return it to the manufacturer!

Testing in Line With ASTM Standards

This portable kit allows you to carry out methanol wall wash samples easily, even if the methanol is slightly contaminated.

The kit can be combined with any other PrimeLab kit shown in this brochure.

Expandable 5 Parameters kit for Methanol Wall Wash Samples

This kit provides 5 ASTM standard compliant Parameters and can be extended to more than 130 parameters at any time.

Tank Wash Test (Methanol) Parameters

APHA Colour ACC. TO ASTM D 1209
Hydrocarbon ACC. TO AETM D 1722
Pot. Permang. Time Test Acc. To Autm D 1363
Inorganic Chloride By Standard Acidifying Silver Nitrate
Chemical Oxygen Demand (COD)

Technical Details

Dimensions	175 mm x 88 mm x 59 mm
Weight	160g
Spectral Range:	389 nm – 780 nm with 7 open channels and $\pm$ 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
Time Saving:	For Engineers on reporting and checking – sending to head office (free cloud service = real time reporting)
Menu Navigation:	Intuitive, display-controlled 4-button menu system; test instructions during the measurement process (can be skipped)
Power Supply:	Optionally 4 x 1.5 V AAA batteries or 100-240 V AC, 50/50 Hz, 0.2 A □ 5.0 V 1200mA, 6W
Display:	Graphical LCD display, monochrome
Environment:	5°C-45°C (41°F-113°F) /30% - 90% relative humidity
Water Resistance:	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”
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Content:

- 1 x Aluminum Trolley with foam inserts
- 1 x PrimeLab 1.0 Photometer
- ID 124 (Chloride 0 - 100 mg/l) pre-activated *
- ID 79 (COD LR 0 - 150 mg/l) pre-activated *
- IID 80 (COD MR 0 - 1500 mg/l) pre-activated *
- ID 17 (COD HR 0 - 15000 mg/l) pre-activated *
- ID 107 (Colour 15 - 500 mg/l) pre-activated *
- ID 159 (Permanganate Time Test yes/no) pre-activated *
- ID 160 (Hydrocarbons yes/no) pre-activated *
- 10 x 10ml glass cuvette with light-shield lid
- 1 x DC-Adapter (110/220V) with international plugs
- 4 x AAA Batteries
- 1 x Light Shield
- 1 x 10ml Syringe
- 2 x Plastic stirring rod
- 1 x Cleaning brush
- 1 x CD Rom with PrimeLab Desktop Assistant 2.0 software
- 1 x Full printed manual
- 1 x 1-10ml professional lab pipette with 12 tips
- 1 x 00-1000µl professional lab pipette with 12 tips
- 1 x PrimeLab Turbidity-Adapter kit, containing:
 - Black plastic case with foam insert,
 - PrimeLab Turbidity Adapter,
 - 1-10ml professional lab pipette with 2 tips,
 - 2 x AAA batteries,
 - 1 vial each of calibration standards 0.5/10/1000 NTU needed for the Hydrocarbons test
- 1 x Heatblock for 8 x 16mm vials. Temp. 70/100/120/150 and 160°C.
- Digital reading, 110-130 V/50-60 Hz / 220-240 V/50-60 Hz. Aut. Voltage change, 140 W needed for Permanganate Time Test
- 1 x 4-liter portable fridge (12/220 V)
- 1 x Digital thermostat connector to regulate potable fridge to 15°C
- 50 Reagent-Tablets Permanganate Photometer
- 65ml PL Chloride 1 reagent
- 65ml PL Chloride 2 reagent
- 25 tubetests COD LR
- 25 tubetests COD MR
- 25 tubetests COD HR
- 2 x 100ml Reagent grade Methanol

Expandable to more than 130 different parameters at any time.