

SL1000 PORTABLE PARALLEL ANALYSER (PPA)

Applications

- Clean water applications



Water quality testing. Dramatically streamlined.

The new HACH SL1000 Portable Parallel Analyser (PPA) performs common water tests with less than half the manual steps. It produces highly accurate results with less opportunity for errors in a fraction of the time and allows for up to six parameters to be tested simultaneously.

Less variability

Avoid manual steps that can introduce variability, even when performed by experienced testers. Automation and internal temperature control make the entire process consistent and repeatable, while applying the same processes and reagents as current HACH methods.

Less headache

A single instrument combines colorimetric and electrochemical testing in a field kit that requires fewer bulky accessories. There are no powder pillows or glass vials to handle. All chemicals and processes are entirely contained inside the CHEMKEY.

Faster testing

Perform up to four colorimetric and two probe-based measurements in parallel, and complete the entire test suite in 25% of the time. Improve efficiency by completing more tests on site with faster results.

CHEMKEY® technology

CHEMKEY reagents contain the same chemicals and execute the same process steps that you have trusted for decades - now delivered in a simple, self-contained package. EPA-approved for reporting of Free and Total Chlorine.



Technical Data*

Battery requirements	Rechargeable Lithium-Ion battery pack	Operating temperature range	5 - 50 °C / maximum 85% relative humidity (non-condensing)
Battery life	>200 CHEMKEY tests per full battery charge	Protection class	III
Certifications	CE compliant	Storage conditions	-20 - 60 °C / maximum 85% relative humidity (non-condensing)
Detector	Silicon photodiode	Weight	1.2 kg
Dimensions (H x W x D)	258.3 mm x 130.8 mm x 58.9 mm	Warranty	2 years
Interfaces	Mini USB		
Measuring mode	Transmittance (%), absorbance (abs) and concentration (Conc)		

*Subject to change without notice.

Order Information

SL1000 Instrument Options

- LPV443.99.10002** SL1000 Portable Parallel Analyser (PPA)
Includes: SL1000 meter, carrying case, 1 instrument sample cup, 2 electrode sample cups, rechargeable battery, battery charger, hand strap, instrument manual, and USB cable.
- LPV443.99.20002** Full SL1000 Portable Parallel Analyser (PPA) Kit
Includes basic instrument package plus: 1 pH electrode, 1 conductivity electrode and 1 box each of Free Cl, Total Cl, Monochloramine, Nitrite and Free Ammonia CHEMKEYS.

CHEMKEY Reagents

- 9429000** Free Chlorine CHEMKEYS (box of 25)
- 8499300** Free Chlorine CHEMKEYS (pack of 300)
- 9429100** Total Chlorine CHEMKEYS (box of 25)
- 8499400** Total Chlorine CHEMKEYS (pack of 300)
- 9429400** Monochloramine CHEMKEYS (box of 25)
- 9429600** Free Ammonia & Monochloramine CHEMKEYS (box of 25 each)
- 9429300** Nitrite CHEMKEYS (box of 25)
- 9425200** Total Ammonia CHEMKEYS (box of 25)
- 9429200** Copper CHEMKEYS (box of 25)

Optional Accessories

- 9427900** Chlorine verification CHEMKEY
- 9436800** System verification CHEMKEY
- 9374200** Car charger for SL1000 Portable Parallel Analyser
- PHC20101** INTELICAL PHC201 Standard gel filled pH electrode, 1 m cable
- CDC40101** INTELICAL CDC401 Standard conductivity electrode, 1 m cable
- LDO10101** INTELICAL LDO101 Standard Luminescent/Optical Dissolved Oxygen (LDO) sensor, 1 m cable
- 2522905** Cotton-tipped applicator



DOC052.52.25007.Feb15