

SL1000 PORTABLE PARALLEL ANALYSER (PPA)

Applications

- Clean water applications
- Boiler water



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 in drinking water applications.



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	Enclosure waterproof rating	IP64
Dimensions (H x W x D)	258.3 mm x 130.8 mm x 58.9 mm	Weight	1.2 kg
Interfaces	Mini USB	Warranty	2 years
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)
8636000	Dissolved Iron Chemkeys (box of 25)
8636100	High Range Total Alkalinity Chemkeys (box of 25)

8636200	Low Range Total Alkalinity Chemkeys (box of 25)
8636400	Low Range Hardness Chemkeys (box of 25)
8636500	High Range Orthophosphate Chemkeys (box of 25)
8636600	Low Range Orthophosphate Chemkeys (box of 25)

Optional Accessories

9427900	Chlorine verification Chemkey
9436800	System verification Chemkey
9374200	Car charger for SL1000 Portable Parallel Analyser
PHC20101	Intellical PHC201 Standard gel filled pH electrode, 1 m cable
CDC40101	Intellical CDC401 Standard conductivity electrode, 1 m cable
LDO10101	Intellical LDO101 Standard Luminescent/Optical Dissolved Oxygen (LDO) sensor, 1 m cable
ISENO318101	Intellical ISENO3181 Standard Nitrate ISE electrode, 1 m cable
ISEF12101	Intellical ISEF121 Standard Fluoride ISE electrode, 1 m cable
ISECL18101	Intellical ISECL181 Standard Chloride ISE electrode, 1 m cable
2522905	Cotton-tipped applicator

