



SL1000 Portable Parallel Analyser (PPA)

Product #:

9430000

ZAR Price:

Contact Hach

Ships within 1 week

Chloramination Testing Can be Done 75% Faster

Do you spend too much time on multi-parameter analysis in your distribution system or other clean water applications?

Complete more tests on site, get the results you need faster, allowing you to visit more sites in each shift. Perform up to four colorimetric and two probe-based measurements in parallel 75% faster than with other methods.

Do you struggle with consistency, repeatability, or inter-operator variability when performing colorimetric and probe-based analysis?

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

Would you benefit from performing all your field testing on a single instrument with less hassle, fewer bulky accessories, and less clean-up?

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

Chloramination Testing Can be Done 75% Faster!

The Hach SL1000 Portable Parallel Analyzer® (PPA) performs the same tests with less than half the manual steps. Get highly accurate results, with less opportunity for errors, in a fraction of the time. Up to six parameters, tested in parallel. The SL1000 is a portable colorimeter that provides 75% faster testing in chloramination applications by using Chemkey reagents instead of powder pillows. All chemicals and processes are entirely contained inside the Chemkey.

Colorimetric tests include: monochloramine, free and total ammonia, free and total chlorine, nitrite, copper, high and low range orthophosphate, high and low range hardness, high and low range alkalinity, dissolved iron, and peracetic acid.

Probe-based tests include: pH, conductivity, ORP, dissolved oxygen, nitrate, and fluoride (temperature is included with each probe).

To learn more about Portable Parallel Analysis (PPA) please visit: <https://www.hach.com/sl1000-ppa>

Perform multiple tests faster

Complete more tests on site, get the results you need faster, allowing you to visit more sites in each shift. Perform up to four colorimetric and two probe based measurements in parallel 75% faster than with other methods.

Less Variability

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

Less Hassle

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

Specifications

Battery Life:	>200 Chemkey tests per full battery charge
Battery requirements:	Rechargeable Lithium-Ion battery pack, 7.4 V, 5.0 Ah (5000 mAh)
Certifications:	CE, UKCA, FCC, ISED, RCM, KC
Detector:	Silicon photodiode
Enclosure rating:	IP64
Includes:	SL1000 meter, carrying case, 1 instrument sample cup, 2 probe sample cups, rechargeable battery, battery charger, hand strap, instrument manual, and USB cable.
Instrument Bundle:	SL1000 - PPA Portable Parallel Analyzer- Portable Colorimeter with USB
Interfaces:	Mini USB
Lamp Type:	Light Emitting Diode (LED)
Measurement modes:	Transmittance (%), Absorbance (abs) and Concentration (Conc)
Operating temperature range:	Discharging: 5 - 50 °C (41 to 122 °F) 7 maximum 85% relative humidity (non-condensing)
	Charging: 5 - 45 °C (41 to 113 °F) / maximum 85% relative humidity (non-condensing)
Protection Class:	III
Storage conditions:	-20 to 60 °C / maximum 85% relative humidity (non-condensing)
Warranty:	1 year
Weight:	1.2 kg
What's included?:	Includes: SL1000 meter, carrying case, 1 instrument sample cup, 2 probe sample cups, rechargeable battery, battery charger, hand strap, instrument manual, and USB cable.

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