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# SL1000 Portable Parallel Analyser (PPA)

## Applications

- Chloramination
- Drinking Water
- Clean Water
- Boiler Water
- Cooling Water



## Chloramination Testing Can be Done 75% Faster

The new Hach<sup>®</sup> SL1000 Portable Parallel Analyser (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 simultaneously.

### 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 colourimetric 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 colourimetric 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.





## Technical Data\*

<b>Battery Requirements</b>	Rechargeable Lithium-Ion battery pack
<b>Battery Life</b>	>200 Chemkey tests per full battery charge
<b>Certifications</b>	CE Compliant
<b>Detector</b>	Silicon photodiode
<b>Dimensions (H x W x D)</b>	258.3 mm x 130.8 mm x 58.9 mm
<b>Interfaces</b>	Mini USB
<b>Measurement Modes</b>	Transmittance (%), Absorbance (abs) and Concentration (Conc)
<b>Operating Temperature Range</b>	5 - 50 °C / maximum 85% relative humidity (non-condensing)
<b>Protection Class</b>	III
<b>Storage Conditions</b>	-20 - 60 °C / maximum 85% relative humidity (non-condensing)
<b>Enclosure Rating</b>	IP64
<b>Weight</b>	2.65 lbs. (1.2 kg)
<b>Warranty</b>	1 year



\*Subject to change without notice.

## Chemkey Reagents\*

Chemkey tests are available for the following parameters and ranges:

Parameter	Range	Quantity	Prod. No.
Free Chlorine	0.04 - 4.00 mg/L Cl <sub>2</sub>	pk/25	9429000
Free Chlorine	0.04 - 4.00 mg/L Cl <sub>2</sub>	pk/300	8499300
Total Chlorine	0.04 - 10 mg/L Cl <sub>2</sub>	pk/25	9429100
Total Chlorine	0.04 - 10 mg/L Cl <sub>2</sub>	pk/300	8499400
Monochloramine	0.04 - 4.00 mg/L Cl <sub>2</sub>	pk/25	9429400
Free Ammonia Monochloramine	Free Ammonia: 0.05 - 0.50 mg/L NH <sub>3</sub> -N Monochloramine: 0.04 - 4.00 mg/L Cl <sub>2</sub>	pk/50	9429600
Nitrite	0.005 - 0.600 mg/L NO <sub>2</sub> -N	pk/25	9429300
Total Ammonia	0.05 - 1.50 mg/L NH <sub>3</sub> -N	pk/25	9425200
Ammonia, Free & Total Monochloramine	Free Ammonia: 0.05 - 0.50 mg/L NH <sub>3</sub> -N Total Ammonia: 0.05 - 1.50 mg/L NH <sub>3</sub> -N Monochloramine: 0.04 - 4.00 mg/L Cl <sub>2</sub>	pk/50	8791900
Copper	0.06 - 5.00 mg/L Cu	pk/25	9429200
Dissolved Iron	0.05 - 3.00 mg/L Fe	pk/25	8636000
Alkalinity	200 - 700 mg/L CaCO <sub>3</sub>	pk/25	8636100
Alkalinity	20 - 200 mg/L CaCO <sub>3</sub>	pk/25	8636200
Hardness	90 - 750 mg/L CaCO <sub>3</sub>	pk/25	8636300
Hardness	3 - 100 mg/L CaCO <sub>3</sub>	pk/25	8636400
Orthophosphate	2.0 - 30.0 mg/L PO <sub>4</sub>	pk/25	8636500
Orthophosphate	0.20 - 4.00 mg/L PO <sub>4</sub>	pk/25	8636600
Peracetic Acid	0.04 - 50.0 mg/L PAA	pk/25	8635200
pH	pH 6.3 - 9.0	pk/25	9759000

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