

WHAT'S NEW

TERM 2-3, 2017

- HANDHELD COLORIMETERS
- PHOTOMETERS
- PH AND TEMPERATURE ELECTRODE
- COMPACT MAGNETIC STIRRER WITH ELECTRODE HOLDER

NEW



ANNOUNCING A NEW RANGE OF WATER AND STREAM WATCH ANALYSIS EQUIPMENT

Haines Educational, in association with Hanna instruments of the USA are pleased to announce new equipment for water analysis. Suitable for routine use or advanced research and analysis, they take the photometric determination of specific ion concentrations and pH/temperature to a new level. No more guessing. No more mess. All relevant ions for stream watch and more.

HANDHELD COLORIMETERS

The Handheld Colorimeter range for specific ions use light emitting diodes, an AAA battery and weigh 64 grams. Each unit has been precalibrated to give a digital readout of the ionic concentration for that unit. This is produced by the addition of one or more supplied reagents to the vial containing the sample, placing it in the unit, closing the cover and noting the reading. Multiple tests can be performed quickly and easily, and at minimum cost. Ideal for stream watch and general use.

Ideal for water studies and environmental testing!

Easy to use, more accurate than simple chemical test kits but more economical than professional instrumentation.

This handheld checker unit fits in your palm while the large LCD is easy to read.

Supplied with 10mL glass cuvette and customer case.



NEW
\$99
each

CODE	CHECKER	RANGE
HI755	Seawater	0 – 300 ppm
HI775	Fresh Water Alkalinity	0 – 500 ppm
HI700	Ammonia	low 0 – 3 ppm
HI715	Ammonia	medium 0 – 99.9 ppm
HI733	Ammonia	high 0 – 99.9 ppm
HI716	Bromine	0.0 - 8.0 ppm
HI701	Free Chlorine	0.00 - 2.50 ppm
HI711	Total Chlorine	0 – 3.50 ppm

CODE	CHECKER	RANGE
HI749	Chromium	low 0 – 300 ppb
HI723	Chromium	high 0 – 999 ppb
HI727	Colour of water	0 – 500 PCU
HI747	Copper	low 0 – 999 ppb
HI702	Copper	high 0 – 5 ppm
HI729	Fluoride	low 0 – 2 ppm
HI739	Fluoride	high 0 – 20 ppm
HI719	Magnesium	0.00 - 2.00 ppm

CODE	CHECKER	RANGE
HI720	Calcium hardness	0.00 - 2.70 ppm
HI718	Iodine	0.0 - 12.5 ppm
HI721	Iron	0.00 - 5.00 ppm
HI726	Nickel	high 0.00 - 7.00 g/L
HI707	Nitrate	low 0 – 600ppb
HI708	Nitrate	high 0 – 150 ppm
HI713	Phosphate	0.00 - 2.50 ppm
HI736	Phosphorus	0 - 200 ppb

* Other models available upon request.

PHOTOMETER, ADVANCED

NEW
HI83300
\$1390
each

The Hanna multi parameter photometer has many new and advanced features: variable measurement methods, built in reaction timer, independent calibration check function, large and easy to handle precision cuvettes, narrow band filters, LED light source and data management and transfer capabilities.

Over sixty different ionic measurements can be made for a number of specific industries or purposes including general water analysis, aquaculture, food, boiler, waste water and more. Recommended for advanced studies and research.

For further information on the unit please contact us.





pH AND TEMPERATURE ELECTRODE, HALO, BLUETOOTH

The HALO is a professional high quality pH/temperature electrode that incorporates Bluetooth Smart (Bluetooth 4.0) wireless technology.

Very simple to use with a free lab application. Compatible with Apple or Android devices.

Features include calibration, measurement, data logging, graphing and data sharing. Measurements can be displayed alone on the display, with tabulated data, or as a graph.

The electrode itself is gel filled with a plastic (polyetherimide resin) body electrode for added strength and durability (ideal for field or student classroom use). It also includes a dome bulb, integrated temperature sensor and double junction reference. Overall length 165mm. Battery included (CR2032 3V lithium ion / approximately 500 hours).

NEW

C941
\$263
each

Online demonstration can be viewed at:
www.youtube.com/watch?v=nDwYFXcTiF4

Halo Lab App Specifications:

- Range: -2.000 to 16.000 pH / ±800 mV / -20.0 to 120.0 °C
- Resolution: 0.1, 0.01, 0.001 pH / 1, 0.1 mV
- Accuracy: (@25°C) ±0.005 pH / ±0.3 mV
- Calibration Points: Up to five points with seven standard buffers
- Temperature Compensation: Automatic from -5.0 to 100.0 °C
- Compatibility: Android and iOS
- Download Information: Hanna Lab App is available free from the Play Store or App Store

Turn your smart phone or tablet into a fully featured pH meter today!



NEW

C950
\$250
each

*Beaker and electrode shown, not included.

COMPACT MAGNETIC STIRRER WITH ELECTRODE HOLDER

Ideal for use with the Halo electrodes.

These lightweight magnetic stirrers have an integrated electrode holder which can hold up to three 12mm diameter or less electrodes. Spin bar included. Comes in black. Other colours available (contact us for details).

Specifications:

- Min. Speed Range: 100 rpm
- Max. Speed Range: 1000 rpm
- Cover Material: ABS plastic
- Dimensions 137 mm (dia) x 51 mm (h)
- Weight: 640 g



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