

HI83216

Multiparameter Photometer for Pools and Spas

- **Methods**
 - 6 measurement methods
- **Help feature**
 - Full tutorial available in start up menu
- **Connectivity**
 - PC compatible via USB

Around the world, swimming pool and spa facilities welcome dozens, even hundreds of people on a daily basis. A basic necessity of pool water treatment is to maintain the water in a safe and pleasant condition for the swimmers.

In order to achieve ideal water conditions, swimming pool water requires testing on a daily and sometimes hourly basis for disinfection residuals and maintaining pH levels. Equally important, calcium hardness and alkalinity levels should be monitored weekly to ensure the pool water is well balanced, thus to avoid corrosion and scale formation.

The HI83216 is a multiparameter bench meter that measures 6 different methods essential for pool and spa water analysis.

The optical system of the HI83216 is based on tungsten lamps and narrow-band interference filters to guarantee both high performance and reliable results.

The HI83216 has a powerful interactive user support that assists the user during the analysis process. A full tutorial is available in the Setup Menu, and the Help Menu provides assistance for every step in the measurement process. This meter can be connected to a PC via a USB cable, where the data can be managed with optional HI92000 Windows® compatible software.



Reagents are available in liquid or powder form, and the amount of each reagent is precisely dosed to ensure maximum repeatability.
 † Unless noted otherwise, all reagent codes ending with -01 are for 100 tests. Replace the -01 with -03 for 300 tests.



HI83216 Test	Range	Method	Reagent Code†
Alkalinity	0 to 500 mg/L (ppm) as CaCO ₃	Bromocresol green	HI93755-01
Chlorine, Free	0.00 to 5.00 mg/L (ppm)	DPD	HI93701-01
Chlorine, Total	0.00 to 5.00 mg/L (ppm)	DPD	HI93711-01
Cyanuric Acid	0 to 200 mg/L (ppm)	Turbidimetric	HI93722-01
Hardness, Calcium	0 to 500 mg/L (ppm) as CaCO ₃	Calmagite	HI93720-01
pH	6.5 to 8.5 pH	Phenol Red	HI93710-01
Ordering Information	HI83216-01 (115V), HI83216-02 (230V), are supplied with sample cuvettes with caps (4 ea.), cloth for wiping cuvettes, scissors, AC/DC power adapter and instruction manual		

Standard reagents begin on page 10.70; general accessories begin on page 10.8