

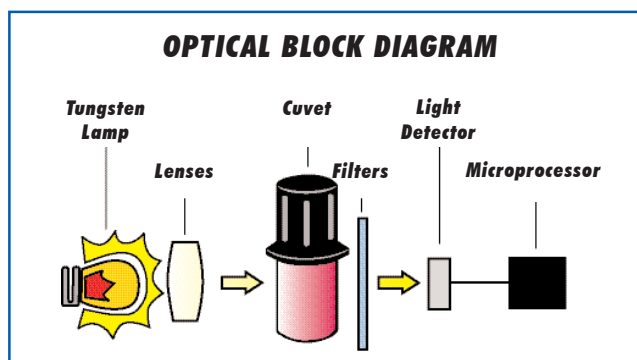
New Photometers with Cal Check™ Feature

High Precision

The most common colorimetric methods for water analysis, like chemical test kits, permit rapid but inaccurate measurements. Moreover, their validity can't be verified as they cannot be tested against certified compared parameters. The HI 957xx photometer series ensures high precision thanks to their innovative optical system and the ability to perform a quick validation and calibration with certified standard solutions. The advanced technology used in these meters, gives you an advantage when performing easy, quick and secure measurements.

Advanced Optical System

The new optical system of HI 957xx series, is composed of a tungsten lamp and a narrow-band interference filter to guarantee both high performance and reliable results. The larger diameter cuvet increases the optical path of the light and permits higher observation of absorbant values, therefore providing higher sensitivity at low concentrations.



Specifications

Code	Parameter	Range (mg/L)	λ filter (nm)
HI 95769	Anionic Detergents	0.00 to 3.50	610
H 95771	Chlorine UHR	0 to 500	525
HI 95747	Copper LR	0.000 to 1.500	560
HI 95729	Fluoride LR	0.00 to 2.00	575
HI 95711	Free and Total Chlorine	0.00 to 5.00	525
HI 95724*	Free and Total Chlorine	0.00 to 5.00	525
HI 96711	Free and Total Chlorine	0.00 to 5.00	525
HI 95734	Free and Total Chlorine HR	0.00 to 10.00	525
HI 95701	Free Chlorine	0.00 to 5.00	525
HI 95762	Free Chlorine ULR	0.000 to 0.500	525
HI 95721	Iron HR	0.00 to 5.00	525
HI 95759	Maple Syrup	0.0 to 100.0% transmitt.	560
HI 95707	Nitrite LR	0.000 to 0.600	525
HI 95715	Nitrogen Ammonia MR	0.00 to 9.99	466
HI 95717	Phosphates HR	0.0 to 30.0	525
HI 95706	Phosphorus	0.0 to 15.0	525
HI 95761	Total Chlorine ULR	0.000 to 0.500	525

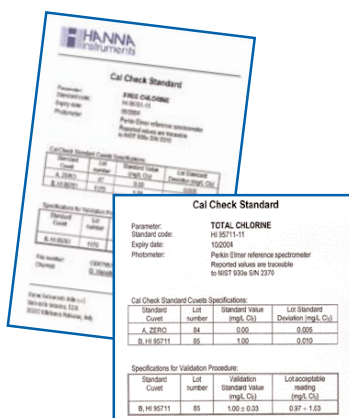
* Specific for liquid reagents

Cal Check™

HI 957xx photometers can be easily verified and calibrated at any time thanks to the certified Cal Check™ standard solutions. Our standard solution sets for calibration are supplied with a NIST certificate of traceability, which increases user confidence in the accuracy of their instrument. The new HI 957xx series features a light beam that is filtered by a narrow spectral bandwidth to offer the highest level of accuracy.

Easy-to-Use

- 1) Zero the instrument with standard A and then insert standard B
- 2) Press the Cal Check® button to validate the reading
- 3) Compare the reading with the certificate



Field Ready Measurement Kit

As opposed to the traditional packaging of photometers, these new photometers are offered in a practical rugged carrying case designed to safely carry the necessary accessories for analysis, like cuvetts, scissors, tissue and the Cal Check™ standards.

All HI 957xx photometers are provided with:

- 1) protected measuring cell: the plastic cover avoids the accidental ingress of water inside the instrument.
- 2) Larger cuvetts for analysis: this also means easier sample preparations.

Two innovations for simpler and better measurements in the field.

Kit for Chlorine Analysis, Ideal for:

- Wastewater plants (HI 95711)
- Drinking water plants (HI 95762)
- Municipal waterworks (HI 95701 and HI 95711)
- Industrial processes (HI 95701 and HI 95734)
- Boilers (HI 95701)
- Cooling towers (HI 95701)
- Food industry (HI 95734)
- Swimming pools (HI 95711)
- Osmosis, pharmaceutical manufacturers (HI 95761)

