

HI96725

Chlorine, Cyanuric Acid and pH Portable Photometer

for Legionella Protection

- **CAL Check™**
 - Allows for performance verification and calibration of the meter using NIST traceable standards
- **Auto-shut off**
- **Built-in timer**
 - Display of time remaining before a measurement is taken

The HI96725 measures 4 parameters that are crucial in monitoring for preventive maintenance or disinfection.

Significance of Use

Legionella species is the agent that causes human Legionnaires' disease as well as the lesser form, Pontiac Fever. Transmission is facilitated by the inhalation of mist droplets containing the Legionella bacteria.

Common sources of Legionella include cooling towers used in industrial cooling water systems as well as in large central air conditioning systems, domestic hot water systems, fountains, and similar disseminators that draw from a public water supply. Natural sources include freshwater ponds and creeks.



Since Legionella is especially harmful to people with weakened immune systems, it should be actively checked for in the water systems of hospitals and nursing homes.

Specifications HI96725 Chlorine, Cyanuric Acid and pH

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	Chlorine, Free (P1)	Chlorine, Total (P2)
Parameter Specifications	Range	0.00 to 5.00 mg/L (ppm)
	Resolution	0.01 mg/L under 3.50 mg/L; 0.10 mg/L above 3.50 mg/L
	Accuracy @ 25°C (77°F)	±0.03 mg/L ±3% of reading
	Cyanuric Acid (P3)	
	Range	0 to 80 mg/L (ppm)
	Resolution	1 mg/L
Additional Specifications	Accuracy @ 25°C (77°F)	±1 mg/L ±15% of reading
	Light Source	tungsten lamp
	Light Detector	silicon photocell with narrow band interference filter @ 525 nm
	Power Supply	9V battery
	Auto-off	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder
	Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Ordering Information	Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")
	Weight	320g (11.3 oz.)
	Method	Chlorine: adaptation of the EPA recommended DPD method 330.5 and standard method 4500-CL G; Cyanuric Acid: adaptation of the Turbidimetric method; pH: Phenol Red method
HI96725 is supplied with sample cuvettes (2) with caps, 9V battery, instrument quality certificate and instruction manual. CAL Check standards and testing reagents sold separately HI96725C includes photometer, CAL Check standards, sample cuvettes (2) with caps, scissors, cuvette cleaning cloth, 9V battery, instruction manual and rigid carrying case. Reagents sold separately		

Reagents and Standards

HI96701-11	CAL Check standard cuvettes (free Cl)
HI93701-01	reagents for 100 tests (free Cl)
HI93701-03	reagents for 300 tests (free Cl)
HI96710-11	CAL Check standard cuvettes (pH)
HI93710-01	reagents for 100 tests (pH)
HI93710-03	reagents for 300 tests (pH)
HI96711-11	CAL Check standard cuvettes (total Cl)
HI93711-01	reagents for 100 tests (total Cl)
HI93711-03	reagents for 300 tests (total Cl)
HI96722-11	CAL Check standard cuvettes (cyanuric acid)
HI93722-01	reagents for 100 tests (cyanuric acid)
HI93722-03	reagents for 300 tests (cyanuric acid)

ติดต่อบริษัท เนโอนิคส์ จำกัด

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