

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	
		Chlorine, Free (P1)	Chlorine, Total (P2)
Parameter Specifications	Range	0.00 to 5.00 mg/L (ppm)	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	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	±0.03 mg/L ±3% of reading
		Cyanuric Acid (P3)	pH (P4)
	Range	0 to 80 mg/L (ppm)	6.5 to 8.5 pH
	Resolution	1 mg/L	0.1 рН
	Accuracy @ 25°C (77°F)	±1 mg/L ±15% of reading	±0.1 pH
Additional Specifications	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	
	Dimensions	192 x 10 <mark>4 x 69 mm</mark> (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	
Ordering Information	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		

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.

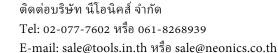
Significance of Use

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.

Reagents and Standards

Reagents and Standards			
HI96701-11	CAL Check standard cuvettes (free Cl)		
HI93701-01	reagents for 100 tests (free CI)		
HI93701-03	reagents for 300 tests (free CI)		
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 CI)		
HI93711-01	reagents for 100 tests (total CI)		
HI93711-03	reagents for 300 tests (total CI)		
HI96722-11	CAL Check standard cuvettes (cyanuric acid)		
HI93722-01	reagents for 100 tests (cyanuric acid)		
HI93722-03	reagents for 300 tests (cyanuric acid)		





Photometers

10