



## HI 96725

### Chlorine, Cyanuric Acid and pH Portable Photometer for Legionella Protection



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- CAL CHECK™
- User calibration
- Certified calibration and verification standards
- BEPS (Battery Error Prevention System)
- TIMER function
- Auto shut-off
- GLP Features

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.

The HI 96725 measures 4 parameters that are crucial in monitoring for preventive maintenance or disinfection.

#### Order Information:

**HI 96725** is supplied with sample cuvettes (2) with caps, 9V battery and instruction manual.

**HI 96725C** includes HI 96725 photometer, hard carrying case, 2 sample cuvettes, scissors, cuvette cleaning cloth, battery and instruction manual.

Specifications	Accessories	Downloads
<b>Range</b>	<b>Cl, Free</b>	0.00 to 5.00 mg/L (ppm)
	<b>Cl, Total</b>	0.00 to 5.00 mg/L (ppm)
	<b>CYA</b>	0 to 80 mg/L (ppm)
	<b>pH</b>	6.5 to 8.5 pH
<b>Resolution</b>	<b>Cl, Free</b>	0.01 mg/L
	<b>Cl, Total</b>	0.01 mg/L
	<b>CYA</b>	1 mg/L (ppm)
	<b>pH</b>	0.1 pH
<b>Accuracy @25°C</b>	<b>Cl, Free</b>	±0.03 mg/L ±3% of reading
	<b>Cl, Total</b>	±0.03 mg/L ±3% of reading
	<b>CYA</b>	±1 mg/L ±15% of reading
	<b>pH</b>	±0.1 pH
<b>Light Source</b>	tungsten lamp	

<b>Light Detector</b>	silicon photocell with narrow band interference filter @ 525 nm						
<b>Power Supply</b>	9V battery						
<b>Auto-off</b>	after ten minutes of non-use in measurement mode; after one hour of non-use in calibration mode; with last reading reminder						
<b>Environment</b>	0 to 50°C (32 to 122°F); RH max 95% non-condensing						
<b>Dimensions</b>	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")						
<b>Weight</b>	360 g (12.7 oz.)						
<b>Method</b>	<table> <tr> <td><b>Chlorine</b></td> <td>adaptation of the EPA recommended DPD method 330.5</td> </tr> <tr> <td><b>CYA</b></td> <td>adaptation of the Turbidimetric method</td> </tr> <tr> <td><b>pH</b></td> <td>Phenol Red method</td> </tr> </table>	<b>Chlorine</b>	adaptation of the EPA recommended DPD method 330.5	<b>CYA</b>	adaptation of the Turbidimetric method	<b>pH</b>	Phenol Red method
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