

HI96737

## Silver Portable Photometer

- **CAL Check™**
  - Enables users to check validity of calibration
- **BEPS**
  - Alerts the user of low battery power that could adversely affect reading
- **GLP Features**
  - Meets Good Laboratory Practices

Small quantities of silver are bacteriostatic; and it is at times used in disinfection of pools and spas, as well as in water filters.

The presence of silver in water is generally indicative of pollution, mainly from film manufacturers, film processors and surface finishers. In fact, silver levels are closely monitored in these sectors since its presence can cause discoloration of the skin, eyes and mucous membranes.

The HI96737 measures the silver content in water and wastewater in the 0.000 to 1.000 mg/L (ppm) range.

This instrument uses an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

The cuvette has a very important role because it is an optical element, and thus, requires particular attention. It is important that both the measurement and the blank (zeroing) cuvettes are optically identical to provide the same measurement conditions.



### Specifications

### HI96737 Silver

Range	0.000 to 1.000 mg/L (ppm)
Resolution	0.001 mg/L
Accuracy @ 25°C (77°F)	±0.005 mg/L ±10% of reading
Light Source	tungsten lamp
Light Detector	silicon photocell with narrow band interference filter @ 575 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	193 x 104 x 69 mm (7.6 x 4.1 x 2.7")
Weight	360 g (12.7 oz.)
Method	adaptation of the PAN method

### Ordering Information

**HI96737** is supplied with sample cuvettes (2) with caps, 9V battery, instrument quality certificate and instruction manual.  
CAL Check™ standards and testing reagents sold separately

### Reagents and Standards

<b>HI96737-11</b>	CAL Check™ standard cuvettes
<b>HI93737-01</b>	reagents for 50 tests
<b>HI93737-03</b>	reagents for 150 tests

Standard reagents begin on page 10.70; CAL Check™ standard reagents begin on page 10.71