



## HI 96700

### Ammonia, Low Range, Portable Photometer



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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

The HI 96700 meter measures the ammonia-nitrogen (NH<sub>3</sub>-N) content in water samples.

These meters use an exclusive positive-locking system to ensure that the cuvette is in the same place every time it is placed into the measurement cell.

Ammonia is often an excellent indication of the presence of animal or plant microbiological decay. It is tested in fish farms (fresh and salt water tanks) due to the damaging effects of its toxic nature. Its presence in rivers and reservoirs normally points to agricultural and/or civil pollutants. Ammonia is tested in lakes, rivers, portable water, boiler feed water, sewage, industrial and waste water.

#### Order Information:

**HI 96700** is supplied with sample cuvettes with caps (2), 9V battery and instruction manual.

**HI 96700C** includes photometer, sample cuvettes with caps (2 ea.), 9V battery, cloth for wiping cuvettes, instrument quality certificate, instruction manual and rigid carrying case.

Specifications	Accessories	Downloads
Range	0.00 to 3.00 mg/L (ppm)	
Resolution	0.01 mg/L (ppm)	
Accuracy	±0.04 mg/L (ppm) ±4% of reading @ 25°C	
Light Source	Tungsten lamp	
Light Detector	silicon photocell with narrow band interference filter @ 420 nm	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Power Supply	9V battery	
Auto-off	After 10 minutes of non-use in measuring mode After 1 hour of non-use in calibration mode with last reading reminder	
Dimensions	192 x 104 x 69 mm (7.6 x 4.1 x 2.7")	
Weight	360 g (12.7 oz.)	
Method	Adaptation of the ASTM Manual of Water and Environmental Technology, D1426-92, Nessler method.	