



## Precision Bench Turbidity Meter

The **LP 2000** bench top turbidity meter is an essential tool for laboratory water analysis.

With its extended range, you can measure from 0.00 to 50.00 FTU and from 50 to 1000 FTU.

At the heart of the measuring system is a dependable IR LED (infrared light emitting diode) light source that maintains a consistent emission. It has a useful life which surpasses standard lamps. Its wavelength of 890 nm ensures maximum intensity of diffused light, even in samples of low turbidity, and reduces interference from colors.

For a time study, the **LP 2000-11** can record up to 500 separate measurements. Information can be transferred to your computer for study and storage with **HI 92000** Windows® compatible software.

**HANNA** instruments® **LP 2000** turbidity meter is the clear choice for the laboratory professional.

### Specifications

<b>LP 2000</b>	
Range	0.00 to 50.00 FTU*; 50 to 1000 FTU*
Resolution	0.01 FTU; 1 FTU
Accuracy	±0.5 FTU or ±5% of reading (whichever is greater)
Calibration	3 points (0 FTU, 10 FTU and 500 FTU)
Light Source	infrared LED
Light Source Life	life of the instrument
Light Detector	silicon photocell
Power Supply	12 Vdc adapter (included)
Environment	0 to 50°C (32 to 122°F); RH max 95%
Dimensions / Weight	230 x 170 x 70 mm (9.0 x 6.7 x 2.8") / 600 g (1.3 lb.)

### **LP 2000-11**

Same as LP 2000 with additional features:

Data Logging	500 measurements on-demand
PC Connection	through RS232 serial port, with <b>HI 92000</b> Windows® compatible software (not included)
Real Time Clock	yes

\* 1 FTU (Formazine Turbidity Unit) = 1 FNU (Formazine Nephelometric Unit)

### Accessories

HI 710006	220 Vac / 12 Vdc adapter	HI 93703-50	Cuvet cleaning solution (230 mL)
HI 731321	Spare glass cuvet (4 pcs)	HI 731318	Tissue for wiping cuvetts (4 pcs)
HI 93703-0	AMCO-AEPA-1 @ 0 FTU calibration solution (30 mL)	HI 92000	Windows® compatible application software.
HI 93703-05	AMCO-AEPA-1 @ 500 FTU calibration solution (30 mL)	HI 920010	Serial cable (5 to 9 pin) for PC connection
HI 93703-10	AMCO-AEPA-1 @ 10 FTU calibration solution (30 mL)		

For other accessories, see sections U and V.  
Windows® is a registered trademark of Microsoft Co.

### Ordering Information

**LP 2000** is supplied complete with glass cuvet, **HI 93703-0** and **HI 93703-10** calibration solutions, 12 Vdc adapter and instructions.

**LP 2000-11** is supplied complete with glass cuvet, **HI 93703-0**, **HI 93703-10** and **HI 93703-05** calibration solutions, 12 Vdc adapter and instructions.