HI 98703

EPA Compliant Turbidity Meter

Features HANNA's Exclusive Fast Tracker™ (T.I.S.)

FastTracker™
A new revolution in organized data management

SPECIFICATIONS	HI 98703
Range	0.00 to 9.99; 10.0 to 99.9 and 100 to 1000 NTU
Range Selection	Automatic
Resolution	0.01 NTU from 0.00 to 9.99 NTU; 0.1 NTU from 10.0 to 99.9 NTU; 1 NTU from 100 to 1000 NTU
Accuracy	±2% of reading plus 0.02 NTU
Repeatability	±1% of reading or 0.02 NTU, whichever is greater
Stray Light	< 0.02 NTU
Typical EMC Deviation	±0.05 NTU
Light Detector	Silicon Photocell
Light Source	Tungsten filament lamp
Lamp life	Greater than 100,000 readings
Method	Ratio Nephelometric Method (90°), ratio of scattered and transmitted light; Adaptation of the USEPA Method 180.1 and Standard Method 2130 B.
Measuring mode	Normal, Average, Continuous
Turbidity Standards	<0.1, 15, 100 and 750 NTU
Calibration	Two, three or four-point calibration
LOG Memory	200 records
Serial Interface	USB or RS 232
Environment	Up to 50°C (122°F); max 95% RH non-condensing
Power Supply	(4) 1.5V AA alkaline batteries or AC adapter; Auto-off after 15 minutes of non-use
Dimensions / Weight	224 x 87 x 77 mm (8.8 x 3.4 x 3.0") / 512 g (18 oz.)

ORDERING INFORMATION

HI 98703-01 (115V) and **HI 98703-02** (230V) are supplied with (5) sample cuvets and caps, HI 98703-11 calibration cuvets, HI 93703-58 silicone oil, cuvet wiping tissue, (4) batteries, AC adapter, instruction manual and rugged carrying case.

SOLUTIONS

HI 98703-11 Turbidity standards kit
HI 93703-50 Cuvet cleaning solution, 250 mL

ACCESSORIES

HI 920005 Tag holders with tags (5)
HI 98703-58 Silicone oil (15 mL)
HI 93703-60 Caps for cuvets (4)
HI 731318 Tissue for wiping cuvets (4)
HI 731331 Glass cuvets (4)
HI 92000 Windows® compatible software
HI 920011 5 to 9 pin RS232 connection cable
HI 920013 USB cable for PC connection

EPA Compliant Turbidity Measurement

The HI 98703 meets and exceeds the requirements of the USEPA Method 180.1 for wastewater and Standard Method 2130 B for drinking water.

The HI 98703 measures the turbidity of a sample in the 0.00 to 1000 NTU (Nephelometric Turbidity Units) range. An effective algorithm calculates and converts the readings in NTU. The instrument has an EPA compliance reading mode which rounds the reading to meet EPA reporting requirements. Depending on the measured probe and needed accuracy, normal, continuous, or signal averaging measurement can be selected.

HI 98703 has GLP (Good Laboratory Practice) functions that allow traceability of the calibration conditions. The last calibration points, time and date can be checked at any time by a single touch.

HI 98703 has a user-friendly interface with a backlit, easy to read, large LCD (Liquid Crystal Display). The display codes guide the user step by step with routine operation and through calibration.

With it's logging function, up to 200 measurements can be stored in the internal memory and consulted at any time. In order to further store and analyze, the data can be downloaded to a PC using by either RS232 or USB.

For advanced field applications, the HI 98703 turbidimeter is equipped with Fast Tracker™—Tag Identification System (T.I.S.) that makes data collecting and management simpler than ever.

- *Tungsten light source—EPA compliant turbidity measurement*
- *High accuracy at low ranges (below 0.05 NTU)*
- *Exclusive Fast Tracker™*
- *2, 3 or 4 point calibration*
- *USB and RS232 PC connectivity*
- *Backlit LCD*
- *GLP capability*
- *User friendly display with guidance codes*
- *Battery percentage on display*
- *Continuous current time on display*

HANNA instruments

With Great Products, Come Great Results™