



## HI98703

# Turbidity Meter

Fast Tracker™ Technology,  
EPA Compliant

- **Four-point calibration**
  - Up to four-point calibration
- **Connectivity**
  - USB and RS232 PC connectivity
- **Logging**
  - Log up to 200 records
- **GLP features**
  - Meets Good Laboratory Practices
- **Backlight**
  - User-friendly, backlit display
- **Battery indicator**
  - Battery % on startup

The HI98703 meets and exceeds the requirements of the USEPA Method 180.1 for wastewater and Standard Method 2130 B for drinking water. The instrument has an EPA compliance reading mode which rounds readings to meet EPA reporting requirements. Users will appreciate the accuracy and sensitivity of this instrument, particularly at very low turbidity levels.

This instrument incorporates complete GLP (Good Laboratory Practice) functions that allow traceability of the calibration conditions. The last calibration points, time and date can be checked at the touch of a button.

With its logging function, up to 200 measurements, along with its tagged locations, can be stored in internal memory and consulted at any time. Data can be later transferred to a PC via RS232 or USB interface and Hanna HI92000 software (optional).

### Specifications

### HI98703

|                     |   |
|---------------------|---|
| Range               | 0.00 to 1000 NTU  |
| Range Selection     | automatic   |
| Resolution          | 0.01 (0.00 to 9.99 NTU); 0.1 (10.0 to 99.9 NTU); 1 (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  |
| 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 RS232  |
| Environment         | 0 to 50°C (32 to 122°F); RH max 95% non-condensing  |
| Power Supply        | 1.5V AA alkaline batteries (4) 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

**HI98703-01** (115V) and **HI98703-02** (230V) are supplied with sample cuvettes and caps (5), calibration cuvettes, silicone oil (HI98703-58), cuvette wiping cloth, batteries, AC adapter, instruction manual and rugged carrying case.

See page 12.19 for reagents and accessories