

MicroTOL ONLINE TURBIDIMETER

Leading edge Microelectronic Technology combined with 30 years of optical measurement expertise has allowed HF Scientific to become the leader in regulatory reporting turbidimeters. The HF MicroTOL On-line Turbidimeter has been specifically designed to meet regulations of the EPA and ISO 7027. Features include fast and easy calibration, verification in seconds, low maintenance, fail safe design which ensures your instrument is always reading accurately, bubble rejection system and a data acquisition software system that allows logging and data storage for multiple turbidimeters.

- **Bubble Rejection System:**
Eliminates Bubbles without delaying the response time.
- **Fast and Easy Calibration:**
Verification in seconds while a complete calibration can be completed in less than 5 minutes. *(see figure 2)
- **Low Volume Sample Chamber:**
Low volume sample chamber (30ml) reduces calibration costs and provides quick response times.
- **Low Maintenance Fail Safe Design:**
Simple Modular Design.
Easy to Use and Service.
- **Affordable:**
Modular microprocessor based technology ensures high quality at the industry's lowest price.

OPTIONAL FEATURES:

- **ONLINE Software:**
Allows logging, comparisons, graphs and data acquisition for up to 256 online turbidimeters into a PC.
- **Remote Display:**
Allows remote monitoring up to 500 feet away.
- **Made In The USA**

SPECIFICATIONS

Range:	0 - 1000 NTU
Measurement Principle	Nephelometry (90)
Accuracy:	2% of reading plus .01 NTU (0-10 NTU) 5% of reading plus .01 NTU (10-1000 NTU)
Resolution:	0.0001
Response Time:	1 to 20 seconds
Standard Outputs:	4-20 ma Galvanic Isolated or RS-485
User Alarms:	2 User selectable high/low Alarms
Light Source:	White Light or Infrared (850nm)
Operating Temperature:	0° - 50°C (32° to 122°F)
Enclosure:	Nema 4X, IP66
Display:	Multiline Custom LCD
Certifications:	ETL, ETLc, CE, USEPA, ISO7027

ORDERING INFORMATION

CATALOG No.	DESCRIPTION
20023	Micro TOL, White Light 90-250 VAC
20024	Micro TOL, IR Light 90-250 VAC

All units delivered fully calibrated and include desiccant tray, power supply and manual

ACCESSORIES

White Light	Infrared	
19783	19783	HF ONLINE Windows™ Software for data collection & reporting
19609	19609	Remote Display for an additional digital readout.
19953	19954	Calibration Kit, Low Range, 0.02 & 10 NTU.
19955	19956	Calibration Kit, Full Range, 0.02, 10, & 1000 NTU



*Figure 2

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