

Turbidity monitoring is an essential part of ensuring safety in water systems. Turbidimeters from HF scientific include features that simplify installation, maintenance and data access. Select an EPA 180.1 compliant white light model or ISO 7027 infrared version to match your monitoring standards.

MTOL+™ Features:

- Built-in ultrasonic cleaning
- Bubble rejection system
- Flow through cuvette design
- Low volume sample cell
- No external control required
- Long lasting light source that is field replaceable
- Connect to your SCADA system for easy 24-7 monitoring (simultaneous 4-20 mA and Modbus outputs)
- Data logging and storage of 1 year's measurement and calibration data
- Variable user-selectable logging interval from 1 to 60 minutes
- Isolated 4-20 mA output standard
- USB software updates and data downloads

HF scientific turbidity meters have a proven track record, with a low cost of ownership and a service life that typically exceeds seven years.

MTOL+ OnLine Turbidimeter

Cat. No.	Model	Range in NTU	Ultrasonic Cleaning	USEPA Method 180.1	ISO 7027
28053	White Light	*0 - 100	X	X	
28052	Infrared	*0 - 100	X		X

*0 - 100 NTU pre-calibrated. 0 - 10 NTU and 0 - 1000 NTU calibration files included on USB key provided.



MTOL+ & MicroTOL - Accessories & Options

Cat. No.	Description
39950	ProCal Primary Calibration Kit - .02, 1 and 10 NTU
39953	ProCal Primary Calibration Kit - .02, 10 and 100 NTU
39957	ProCal Primary Calibration Kit, Full Range, .02, 10 and 1000 NTU
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
39824	ProCal Primary Calibration Standard – 100 NTU - 125ml
24034	Operator's Manual MicroTOL-1, 2, 3, 4 (free download available from our web site)
70914	Formazin Stock Solution – 4000 NTU in a 16oz bottle
50040	Formazin Stock Solution Kit - Primary Calibration - each kit contains: 32 ounces of 4000 NTU Formazin, one gallon 0.02 NTU water, one 0.02 NTU Standard, four cuvettes with indexing light shields, three pipettes, and instruction manual.
24017S	Junction Box Power Supply Assembly for MicroTOL
29288S	Junction Box for MTOL+
20106	Stilling / Bubble Removing Chamber
20779S	Power Cord 120VAC / 240VAC
21201S	Source/Drain Tubing – 50 foot roll
21201	Source/Drain Tubing – (sold per foot)
29290	Manual for MTOL+
21555R	Desiccant Refill
02853	Electronic service module MTOL+ WL
02852	Electronic service module MTOL+ IR

Contact HF scientific customer service for more information toll free: 888-203-7248



Simple Calibration



Ultrasonic
autoclean system

MicroTOL - Spare Parts

Cat. No.	Description
50036*	Flow Through Cuvette - Non-ultrasonic (3 pack)
39957*	ProCal Primary Calibration Kit, Full Range, .02, 10 & 1000 NTU (for MicroTOL 1)
21555R*	Desiccant – Refill only
24166S	Ultrasonic Cuvette Assembly
50125	Flow Through Assembly, Nylon (includes non ultrasonic cuvette.)
24165S	Flow Through Assembly, Nylon (does not include cuvette.)
21396S	Lamp Assembly for IR Models
24082S	Lamp Assembly for White Light Models
21062	Tubing Kit Includes: tubing, fittings, clamp for Micro200 & TOL sensor, back pressure valve, & drain vent.
19778	Inline Flow Regulator (1L/min). Recommended for pressurized system
24306S	Inline Pressure Regulator
02053	Electronic Service Module MicroTOL 2 WL (also will retrofit to MicroTOL 1 WL)
02054	Electronic Service Module MicroTOL 2 IR (also will retrofit to MicroTOL 1 IR)
02055	Electronic Service Module MicroTOL 3 WL
02056	Electronic Service Module MicroTOL 3 IR
02063	Electronic Service Module MicroTOL 4 WL
02064	Electronic Service Module MicroTOL 4 IR
04060	Electronic Service Module MicroTOL 5 WL
04070	Electronic Service Module MicroTOL 6 WL

*Recommended spare parts

Micro 200** & Micro 200BW Turbidimeter - Accessories & Options & Spare Parts

Cat. No.	Description
39826	ProCal Primary Calibration Standard – 4.0 NTU - 125ml
39825	ProCal Primary Calibration Standard – 10 NTU - 125ml
39823	ProCal Primary Calibration Standard – 40 NTU - 125ml
39824	ProCal Primary Calibration Standard – 100 NTU - 125ml
50036*	Cuvette, 28 x 70 mm, vial only (screw in type) 3/pk.
21555R	Desiccant – Refill Only
50125	Flow Through Assembly, Nylon (includes non ultrasonic cuvette).

*Recommended spare parts

** This instrument is no longer in production, but some parts and accessories are still available.