TURBIDITY METER
TURBIDITY METER KIT

The microprocessor-based waterproof Dutch Filtration TM100 is an easy-to-use turbidity meter that meets the rigor of rugged field applications. It is a "must -have" for anyone monitoring turbidity on the go. Using an Infrared light source, it delivers laboratory accuracy with a resolution of 0.01 NTU across an extended range of up to 20 NTU (Nephelometric Turbidity Units).

FEATURES

- IP67 Waterproof and Dustproof - Cleaning and maintenance is simple. It floats.
- Automatic Push-Button Calibration (4 points) for unprecedented full-range accuracy
- Sturdy Carrying Kit complete with 4 calibration standards, 3 empty cuvettes, batteries and comprehensive instruction manual
- Large Easy-to-Read Display for optimum viewing of measurements with user-friendly message codes for easy use

APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- Waste water
- (Bio) diesel

Contact

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SPECIFICATIONS TURBIDITY METER

Design Specifications	
Principle of Operation	Nephelometric non-ratio (conformance to ISO 7027 and DIN EN 27027)
Turbidity Range	0 to 1000 NTU
Resolution	0.01 NTU (0 to 19.9 NTU), 0.1 NTU (20.0 to 99.9 NTU), 1 NTU (100 to 1000 NTU)
Accuracy	± 2% of reading ± 1 LSD for 0 to 500 NTU, ± 3% of reading ± 1 LSD for 501 to1000 NTU
Repeatability	± 1% of reading or ± 0.01 NTU
No. of Calibration Points	4 points (automatic)
Response Time	< 6 seconds for full step change
Calibration Standards	0.02 NTU; 20.0 NTU; 100 NTU; 800 NTU
Standardization	EPA-approved polymer-based primary standards
Light Source Life	> 1,000,000 tests
Light Source	Infrared-emitting diode (850nm wavelength)
Special Functions	Auto-Ranging; Self-diagnostic

ORDERING CODE

Code
DFTM100

EXPERIENCE AND INNOVATION