

Portable Turbidity Meter

Geotech Portable Turbidity Meter

Geotech's Portable Turbidity Meter is designed to withstand the rigor of field analysis with laboratory precision and repeatability. The large membrane keypad makes operating the instrument simple when wearing gloves. The bright display can be viewed in varying light conditions.

FEATURES

- Longest lasting lamps
- Light source: White light or infrared
- Shock proof, water proof and it floats in water, even with the lid open
- Multiple calibration modes
- Password protection that limits individual user access
- Data logger includes 1000 data sets

APPLICATIONS

- Environmental monitoring, water quality
- Industrial waste water monitoring, compliance
- Process instrumentation verification
- Drinking water quality testing
- Laboratory sample analysis
- Other industrial: beverage, electroplating, petrochemical, pulp and paper
- Storm water monitoring



Optional Secondary Calibration Gels
0-10, 0-100, 0-1000 NTU



STANDARD KIT INCLUDES:

- Turbidity Meter
- Economy Case with Custom Cut Foam (pictured above)
- 4 Primary Calibration Standards: 0.10, 20, 100, 800 NTU
- Lint-Free Cloth
- 2 Sample Vials
- 4 AA Batteries

OPTIONS:

- 3 Secondary Calibration Gels: 0-10, 0-100, 0-1000 NTU
- Rugged Field Case with Custom Cut Foam
- USB Data Download Cable

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SPECIFICATIONS

Measurement Method	Nephelometric
Regulatory	EPA method 180.1 ISO method 7027
Light Source	EPA - White light Tungsten ISO - 860nm LED
Range	0 to 1000 NTU (FNU)
Accuracy	±2% of reading plus stray light
Repeatability	±1% of reading, or 0.01 NTU (FNU), whichever is greater
Resolution	0.01 NTU (FNU) on lowest range
Unit of Measure	NTU, FNU, EBC
Stray Light	<0.02 NTU (FNU)
Signal Averaging	Selectable On/Off (programmable from 8 to 100 readings/4 to 27 seconds)
Detector	Silicon photocell
Reading Modes	Fast Settling, automatic, manual reading, EBC
Data Logger	1000 Data Sets
Download	Standard USB
Languages	English, Spanish, Portuguese
Power	4 AA batteries USB 5 VDC/500 mA
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Conditions	-40 to 140°F (-40 to 60°C), instrument only
Instrument Enclosure Rating	IP67 with lid open or closed
Sample Required	0.473 oz. (14ml)
Sample Cells	2.55 x 0.94 in. (65 x 24 mm)
Dimensions	4.48 x 7.79 x 3.26 in. (114 x 198 x 83 mm)
Weight	1.09 lb. (496 g) without batteries 1.28 lb. (585 g) with 4 AA alkaline batteries
Certification	CE
Warranty	2 year



Water Proof Construction



IP67 Rated Seal & USB Cap