



Handheld Turbidity Meters

TRH-2020 Series



- ✓ Waterproof to IP67
- ✓ Lithium Rechargeable Battery
- ✓ USB Port
- ✓ 7 Languages
- ✓ Backlit Display
- ✓ USEPA 180.1 or ISO 7027 Compliant Models

The TRH-2020 Series compact turbidity analysis instruments are designed for precision measurements of turbidity. The meter is equipped with an advanced microprocessor and a 6 detector optical sensing system that permits long-term stability over a wide range of operational conditions. With its low level precision and accuracy, the TRH-2020 permits EPA or ISO compliant measurements of water and wastewater. The TRH-2020 has a wide detection range from 0 to 4000 NTU. Other features include automatic range selection, signal averaging, data logging up to 500 points, USB interface port and 7 language selections. Supplied with integral rechargeable lithium battery, the TRH-2020 is an ideal choice for regulatory monitoring, process water testing, and environmental water analysis in the field or laboratory.



TRH-2020 includes 0, 1, and 10 NTU/FNU standards, sample bottle, 4 sample tubes, USB cable, USB computer/wall adaptor, waterproof carrying case, rechargeable lithium battery and operator's manual.

Specifications

Unit of Measure

TRH-2020WE: NTU, AU, ASBC, EBC
 TRH-2020WI: FNU, FAU, ASBC, EBC

Range*: 0 to 4000 NTU/FNU, 0 to 10,500 ASBC, 0 to 150 EBC

Resolution*: 0.01 NTU/FNU
 0.00 to 10.99, 0.1 NTU/FNU
 11.0 to 109.9, 1 NTU/FNU 110 to 4000

Accuracy*: 0 to 2.5 NTU ± 0.05 NTU, 2.5 to 100 NTU $\pm 2\%$, >100 NTU $\pm 3\%$

Detection Limit: 0.05 NTU/FNU

Range Selection: Automatic

Repeatability*: 0.02 NTU/FNU or 1% (whichever is greater)

Light Source: Tungsten (EPA), complies with EPA 180.1 standard 860 nm LED (ISO), complies with ISO 7027

Signal Averaging: Disabled, 2, 5, 10

Power: USB computer cable/wall adaptor or Lithium ion rechargeable battery (both included), 3.7V, 2.5 x 0.75", 1.7 oz

Data Logging: 500 points

Auto Shut-Off: Disabled, 5, 10, 30 minutes

Optional Software: TRSW-2020

Languages: English, French, Spanish, Japanese, Italian, Portuguese, and Chinese

* Over 600 NTU/FNU units expressed as AU/FAU.



TRH-2020WE shown smaller than actual size.

Response Time: <2 seconds

Enclosure: NEMA 4X (IP67)

Dimensions: 19.05 H x 8.84 W x 6.35 cm D (7.5 x 3.5 x 2.5")

Weight: 362 g (13 oz)

Case Dimensions: 25.4 H x 33 W x 15.2 cm D (10 x 13 x 6")

Ship Weight: 2.72 kg (6 lb)

Display: 6-line LCD with backlit display; 160 x 100 backlit LCD; 20 x 6 line graphics

To Order	
Model No.	Description
TRH-2020WE	Portable turbidity meter meets USEPA 180.1
TRH-2020WI	Portable turbidity meter meets ISO 7027

Comes complete with 0, 1, and 10 NTU or FNU standards, sample bottle, 4 sample tubes, USB cable, USB computer/wall adaptor, waterproof carrying case and operator's manual.

Accessories

Model No.	Description
TRH-2020-0290-6	Replacement sample tubes (6)
TRH-2020-1480	Replacement 0 NTU/FNU standard (EPA and ISO), 60 mL
TRH-2020-1450	Replacement 1 NTU standard EPA, 60 mL
TRH-2020-1451	Replacement 10 NTU standard EPA, 60 mL
TRH-2020-1486	100 NTU standard EPA, 60 mL
TRH-2020-1453	Replacement 1 FNU standard ISO, 60 mL
TRH-2020-1454	Replacement 10 FNU standard ISO, 60 mL
TRH-2020-1482	100 FNU standard ISO, 60 mL
TRH-2020-1720	Replacement USB cable
TRH-2020-1721	Replacement USB wall adaptor
TRSW-2020	Smartlink 3 software
TRH-2020-5-0132	Car charger

Ordering Example: TRH-2020WE, portable turbidity meter meets USEPA 180.1.