



Benchtop Turbidity Meter

TRH444



- ✓ Nephelometric Principle
- ✓ Self-Guided Menu
- ✓ Automatic Check and Calibration
- ✓ Supplied with Stabilized Formazine Solution
- ✓ Automatic Monitoring of Battery Charge
- ✓ 99 Reading Points Memorized
- ✓ RS232 Output for PC or Printer
- ✓ NEMA 4 (IP67) Enclosure
- ✓ Shock Resistant Carrying Case

The TRH444 is a compact turbidity analysis instrument designed for precision measurement of turbidity. The meter is equipped with an advanced microprocessor that results in long-term stability over a wide range of operational conditions. With its low level precision and accuracy, the TRH444 meets "GLP" standards for water and wastewater analysis. The TRH444 can be used to detect turbidity in three selectable ranges (0.01 to 10, 0.1 to 100 and 1 to 1000 NTU units) for turbidity. Other features on this all-in-one meter include automatic range selection, signal averaging, data logging up to 99 readings, RS232 interface port (for PC or printer connection) and language selection (English, Spanish or Portuguese). With its self guided programming menu the TRH444 is an ideal choice for regulatory monitoring, process water testing, and environmental water analysis in the field or laboratory.

Specifications

Display: Alphanumeric 2 lines x 16 characters

Turbidity Range:

- 0 to 1000 NTU (automatically)
- 0.01 to 10.00 NTU (selectable range 1)
- 0.01 to 100 NTU (selectable range 2)
- 0.01 to 1000 NTU (selectable range 3)

Resolution: 0.01/0.1/1

Relative Precision: 0.01% (full scale)

Calibration Parameters: Automatic/manual

Light Source: LED 890 nm (NIR)

Detector: Photocell

Case Protection: NEMA 4 (IP67)

Vial: 60 H x 24.5 mm D (2.4 x 0.96")

Minimum Sample Volume: 20 mL

Power: Battery 9 Vdc (included)

Battery Life: 60 hours

Dimensions: 103 x 217 x 81 mm
(4.1 x 8.5 x 3.2")

Weight: 569 g (20 oz)



TRH444 shown smaller than actual size.



TRH444 comes with 9 Vdc battery, calibration solutions, carrying case and operator's manual.

To Order

Model No.	Description
TRH444	Benchtop turbidity meter
Accessories	
TRV-444	Replacement vial kit
CDH-30PW	110/220 Vac, adaptor 50/60Hz
PRN-1	Serial printer for RS232 output port
TRS-444	Replacement stabilized primary standard 1000 NTU
TRSS-444	Replacement 3 vial secondary standard

Comes complete with 9 Vdc battery, calibration solutions, carrying case and operator's manual.
Ordering Example: TRH444, bench top turbidity meter, and CDH-30PW, AC adaptor.