

PORTABLE TURBIDITY METER

High-performance Portable Turbidity Meter meets the design criteria in ISO 7027 & CE Certified

Product Features:

- ❖ Water proof easy-to-use portable Turbidity Meter is equipped with a large LCD display with self-diagnostic system.
- ❖ 2 to 5 points calibration using the Formazin Standards.
- ❖ Selectable four turbidity units, including the NTU (Nephelometric Turbidity Unit), FNU (Formazin Turbidity Unit).
- ❖ Single measurement model automatically recognizes the stable reading.
- ❖ Continuous measurement model that can be used for indexing and matching the sample vials.
- ❖ Auto-Power Off helps user effectively conserve battery life.
- ❖ System menu allows setting the 7 parameters, including the date and time, resolution, etc.
- ❖ Reset feature automatically resumes all settings back to factory default options.
- ❖ Expanded memory stores and recalls up to 500 readings.
- ❖ Unlimited stored data can be transferred into computer by USB communication interface.
- ❖ Multi-mode power scheme (battery, power adapter, USB port) ensures that use the meter smoothly.
- ❖ Keyboard: Power, Calibration, Scroll Up & Down, Read, Enter
- ❖ Response time < 6 s



MODEL: GEN100

Technical Specification

- ❖ Measurement Method: ISO 7027 Nephelometric method (90°)
- ❖ Measurement Range: 0-1100 NTU/FNU (Automatic)
- ❖ Resolution: 0.01 (0-99NTU), 0.1 (100-999NTU), 1 (1000-1100NTU)
- ❖ Accuracy: ±2% (0-500 NTU), ±3% (501-1100 NTU)
- ❖ Rating: IP67
- ❖ Light Source: Infrared-emitting diode (850 nm wavelength)
- ❖ Detector: Silicon Photodiode
- ❖ Stray Light: < 0.02 NTU
- ❖ Sample Vials: 10 ml
- ❖ Power Off: Manual or Automatic (15 minutes)
- ❖ Memory: Stores up to 500 data sets
- ❖ Output: USB Communication Interface (Unlimited Data Storage)
- ❖ Operating Temperature: 0~60°C
- ❖ Relative Humidity: 0 to 85% at 30 °C
- ❖ Power Requirements: Complete set of 1.5V, AA batteries or 5V DC power adapter
- ❖ Dimensions: 180(L)×85(W)×70(H)mm
- ❖ Weight: 300g

INCLUDED IN THE BOX

- ❖ Portable Turbidity Meter
- ❖ Set of 6 Glass Sample Vials with marked
- ❖ Calibration Standards: 0.02, 10, 200, 500, 1000 NTU or User-Defined (0.02, 10, 20, 100, 800 NTU)
- ❖ Lint-Free Cloth
- ❖ Complete set of 1.5V, AA batteries or 5V DC power adapter
- ❖ Carrying Case



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