Portable Turbidity Meter

Model:PNTU-1000

The BOQU portable turbidity meter   consists of a host and a turbidity sensor. The turbidity sensor is based on a combined infrared absorption scatter ray method, and the ISO 7027 method can be used to continuously and accurately determine the liquid turbidity. The turbidity value was determined according to ISO 7027 infrared double scattering light technology without chromatic influence.

Main features

1)Portable host IP66 protection level,IP68 for turbidity sensor.
2)Advanced design with rubber washers for hand-held operation, easy to grasp in wet conditions.
3)Factory calibration, no calibration required in one year, can be calibrated on site.
4)Digital sensor, easy to use and fast in the field, and plug and play with portable host.
5)With USB interface, it can charge the built-in battery and export data through USB interface.

Technical Specification

1)Measuring range 0.1-1000NTU
2)Measurement accuracy is less than ±5% or 0.3NTU
3)Resolution 0.01~0.1NTU
4)Calibration standard calibration, water sample calibration
5)Housing Material Sensor: SUS316L
6)Portable main unit casing: ABS+PC
7)Operating temperature 1 to 45 ° C
8)Protection level Portable host IP66; sensor IP68
9)Cable length Standard 3 meter cable (expandable)
10)Display 3.5-inch color display screen with adjustable backlight
11)Data storage 8G data storage space

Application

Widely used in on-site portable monitoring of water turbidity in portable water,sewage treatment, surface water, universities, research institutes, etc.