



WATER/ WASTE WATER TESTING



cs@irisanalytical.com



+1 706 760 4500



www.irisanalytical.com



Iris Turbidity Meter used in drinking water analysis, in aquaculture applications, and as an indicator of water quality from industrial water treatment applications. Quick setting mode allows for accurate measurements even with the most difficult to amount of samples with a rugged design to makes this instrument of choice for the toughest environments.

The Turbidity is an appearance of the visual properties of a liquid producing light beam to be dispersed and absorbed rather than transmitted in straight lines over a sample.

Though turbidity is not an inherent property of water, as is temperature or pH, the recognition of turbidity as an indicator of the environmental health of water bodies has increased, creating demand with high-quality and objective turbidity measurements. Come across this we developed sophisticated instruments at low-cost. Offers a wide variety of portable and Benchtop turbidity meters and can help you select the most suitable instrument for your analysis.

Portable Turbidity Meter

Portable Turbidity Meter determines the turbidity or suspended solids particle in water, using an FTU, NTU, EBC, and ASBC measurement of scattered light in obedience to ISO7027 and CE. The LED light source with optical technology to provide stability, accuracy, and zero maintenance.



Portable Turbidity Meter PTM-100

Portable Turbidity Meter PTM-100 with quick measurement of the turbidity of the water, caused by dry-weight of suspended materials. The portable turbidity meter work by measuring the amount of light scattered by the dry-weight of suspended materials. Accommodated multi-points calibrations with FTU standard with other measurement units for turbidity and the user now has the choice to perform NTU, EBC, and ASBC measurements at 90° scattered light according to the application and standard required.



This Turbidity Meter covers the ISO7027 requirements. The portable turbidity meter's measuring range is from 0 to 2000 NTU and is identified automatically. Precise measurements by the portable turbidity meters in the lower range, e.g. in drinking water are no problem.

- LCD with backlight provide easy calibration
- ISO7027 measuring method
- Novel appearance, convenient for field application
- Multi-points calibration with Formazin standards or zero water
- Auto range switch from 0 to 2000 NTUs.
- Data storage of 2000 sets and GLP-compliant
- SB interfaces for output and powered by AA batteries

Portable Turbidity Meter PTM-200

Portable Turbidity Meter PTM-200 is often measured by the NTU unit and the dry-weight of suspended materials is indicated by the suspended particle. With three operating ranges; 0.00 to 20.00 20 to 200 and 200 to 1000 NTU that can accommodate the most turbid condition you may encounter. With advanced measurement technology provides added precision, sensitivity and reliability, and Zero point calibration, auto range switch.



- Meets performance criteria specified by the ISO7027 method
- Light source 850 nm monochromatic LED with IP65 compact waterproof design
- Innovative measurement technology provides added precision, sensitivity, and dependability
- Zero-point calibration, auto range switch
- Dual power, DC power, and dry battery
- Power off protection function
- USB Interface for easy data transfer
- Suitcase package set with calibration buffer

Bench-Top Turbidity Meter

Bench-Top Turbidity Meter offers consistent and accurate readings on low turbidity ranges and equipped with a tungsten halogen lamp and proven optics, make this tool more consistent to carry precise and constant measurements. Used to measure light scatter and decay of insoluble particles suspended in water or transparent liquids. CE certified product. Support USB port for data export and sample identification.



Bench-Top Turbidity Meter BTM-100

Bench-Top Turbidity Meter BTM-100 is used to measure light scatter and decay of insoluble particles suspended in water or transparent liquids. Equipped with tactile LCD touch display and Silicon photocell detector. Depending on the measured sample and needed accuracy, normal, continuous, or signal averaging measurement can be selected. Applicable for quantitative analysis of particle contents.



This instrument allows you to take measurements on-site instead of bringing solutions back to the laboratory for analysis. The instrument is designed to meet CE and USEPA-180.1 requirement and measures up to 0.00 to 20.00 50.1 to 200 and 200 to 500 NTU with 0.5% repeatability.

- Colored LCD Touch Screen
- Sample Capacity: 20 to 25 ml
- Battery-powered, compact, and easy to use
- Measures the turbidity of various water solutions
- Selectable four turbidity units, including NTU (Nephelometric Turbidity Unit), FNU (Formazine Turbidity Unit), EBC European Brewery Convention and ASBC American Society
- Support USB
- CE certified

