

Waterproof CyberScan

Infrared Turbidity



Waterproof CyberScan
IR TB100 meter



- IP67 Waterproof
- Rugged Carrying Case
- Auto Ranging 0-1100 NTU
- Calibration Standards Included
- Simple Calibration Procedures
- Infrared System
- Over 1000 Tests on a Single Set of 4-AAA Alkaline Batteries
- Laboratory Accuracy

The CyberScan TB100 turbidity meter is designed for portability and durability and is a "must have" for anyone monitoring turbidity on the go. The microprocessor-based CyberScan TB100 turbidity meter uses an Infrared-LED light source and delivers unprecedented laboratory accuracy with a resolution of 0.01 NTU across an extended range of up to 1100 NTU[#]. This lightweight meter is a valuable analytical tool for field research and quality control.

WATERPROOF HOUSING

Waterproof housing ensures durability and allows sampling and measurements even under wet conditions. Cleaning and maintenance is simple.

STURDY CARRYING CASE

A sturdy self-contained carrying case allows neat storage space for meter, calibration standards, sample cuvettes, handy reference card and spare battery pack.

AUTO-RANGING UP TO 1100 NTU

Meter senses turbidity level of measured sample and automatically adjusts to the appropriate measurement range, eliminating guesswork.

SIMPLE PUSH-BUTTON CALIBRATION

Simple calibration procedure is initiated at the touch of buttons and the instrument automatically prompts the user to the next calibration standard sequentially.

Specifications: CyberScan TB100

Principle of Operation	Nephelometric non-ratio (conformance to ISO 7027 and DIN EN 27027)
Range	0 to 1100 NTU (Auto-ranging)
Resolution	0.01 NTU (0 to 9.99 NTU) 0.1 NTU (10 to 99.9 NTU) 1 NTU (100 to 1100 NTU)
Accuracy	±2% of reading + 0.01 NTU
Repeatability	±1% of reading + 0.01 NTU
Calibration	1 to 4 point (automatic)
Response time	< 6 seconds
Sample Volume	10 ml
Light Source	IR-LED (860 nm)
Display	4 digit custom LCD
Operating Temperature	0 to 50 °C
Power Requirements	4 AAA alkaline batteries (over 1000 tests)
Dimension	28 x 30.5 x 7.6 cm
Weight	1.25 kg



LARGE EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) displays readings prominently complete with units of measure and user-friendly message codes that guide meter operation.

LONG LIFE BATTERIES

The CyberScan TB100 meter is capable of over 1000 measurements with a single set of 4 'AAA' alkaline batteries, delivering quick stable responses outlasting test kits many times over.

ACCESSORIES

Meter is supplied with four secondary standards (0.02, 10.0, 100, 1000 NTU) and two empty cuvettes with light shield caps for sample collection at sites.

APPLICATIONS

Drinking water • Waste water treatment • Petrochemical • Electroplating • Beverage production • Aquaculture

WARRANTY

Eutech Instruments warrants its meter free from manufacturing defects for 1 year.

Note: The CyberScan TB100 meets the performance criteria specified by USEPA method for ISO 7027 (DIN EN 27027)

([#] Nephelometric Turbidity Units)

ORDERING INFORMATION

Order No.	Item
EC-TB100	CyberScan TB100 Infrared Turbidity Meter with EC-TB100CALKT
EC-TB100CALKT	Calibration kit set for EC-TB100 (0.01, 10.0, 100, 1000 NTU)
EC-TB100CUVKT	Pack of 3 sample cuvettes

Note: We reserve the right to make changes, improvements and modifications to products shown.

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