



Email : sales@laboratoryinstrumentindia.com

Product Name :
Tungsten Lamp Turbidimeter, EPA, 0 - 4000 NTU

Product Code :
LBNY-00016-1100014



Description :

The new laboratory turbidimeters blend trusted technology and improved features to simplify testing in the most demanding industrial and wastewater applications. Improved and intuitive design A smart device for more reliable measurements Easy to use. Easy to Be Right. Trusted measurement for high range turbidity applications; simplified.

A smart device for more reliable measurements

The ensures stable readings and accurate analysis by capturing turbidity readings once the device detects sample stability. This quality step removes subjectivity and the need for repeated measurements.

Easy to use. Easy to Be Right

The provides everything you need at your fingertips. With a USB port for easy data export, sample identification for traceability, and self-diagnostics for quality assurance, makes it easy to Be Right.

Improved and intuitive design

The large full colour touch screen display and intuitive user interface accelerate setup, calibration and measurement. An easy interface and guided procedures give you confidence in your results.

Technical Specification :

Accuracy: Ratio on: $\pm 2\%$ of reading plus 0.01 NTU from 0 - 1000 NTU, $\pm 5\%$ of reading from 1000 - 4000 NTU based on formazin primary standard

Communication: USB

Compliance: EPA

Data logging: 2000 total logs, includes reading log, verification log and calibration log

Dimensions (H x W x D): 153 mm x 395 mm x 305 mm

Display: 17.8 mm colour touch screen

Ratio off: $\pm 2\%$ of reading plus 0.01 NTU from 0 - 40 NTU
Air purge: Dry nitrogen or instrument grade air (ANSI MC 11.1, 1975)
0.05 L/s at 69 kPa (10 psig); 138 kPa (20 psig) max
Hose barb connection for 1/8-inch tubing
Measurement method: Nephelometric
Operating temperature range: 0 - 40 °C
Power requirements (Amps): 3.4 A
Interface: 2 USB-A ports for USB flash drive, external thermal printer, keyboard and barcode scanner
Power requirements (Hz): 50/60 Hz
Power requirements (Voltage): 100 - 240 VAC
Light source: Tungsten filament lamp
Range: 0 - 4000 NTU
NTU (Ratio on): 0 - 4000
EBC (Ratio off): 0 - 9.8
NTU (Ratio off): 0 - 40
EBC (Ratio on): 0 - 980
Reading modes: Single, continuous, Rapidly Settling Turbidity, signal averaging on or off, ratio on or off
Region: Global
Sample cell compatibility: Round cells 95 x 25 mm (3.74 x 1 in.) borosilicate glass with rubber-lined screw caps
Note: Smaller sample cells (less than 25 mm) can be used when a cell adapter is used.
Regulatory: Meets EPA Method 180.1
Repeatability: $\pm 1\%$ of reading or 0.01 NTU, whichever is greater (under reference conditions)
Response time: Signal averaging off: 6.8 seconds / Signal averaging on: 14 seconds (when 10 measurements are used to calculate the average)
Sample requirements: 25 mm sample cell: 20 mL minimum
0 to 70 °C (32 to 158 °F)
Storage conditions: -20 to 60 °C
Stabilisation time: Ratio on: 30 minutes after start-up
Ratio off: 60 minutes after start-up
Units: NTU and EBC
Weight: 3.0 kg.



Laboratory Instrument India