



Email : sales@laboratoryinstrumentindia.com

Product Name :
LED Turbidimeter, 0 - 1000 NTU

Product Code :
LBNY-00016-1100025



Description :

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

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, 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: $\pm 2\%$ of reading plus 0.01 FNU/NTU from 0 - 1000 FNU/NTU

Communication: USB

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

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

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

Display: 17.8 mm colour touch screen
Interface: 2 USB-A ports for USB flash drive, external printer, keyboard and barcode scanner
Light source: Light-emitting diode (LED) at 860 ± 30 nm
Power requirements (Hz): 50/60 Hz
Power requirements (Voltage): 100 - 240 VAC
Measurement method: Nephelometric
Operating temperature range: 0 - 40 °C
Power requirements (Amps): 3.4 A
Range: 0 - 1000 NTU
NTU/FNU: 0 - 1000
Regulatory: Meets ISO 7027, DIN EN 27027, DIN 38404 and NFT 9033
Repeatability: $\pm 1\%$ of reading or 0.01 FNU/NTU, whichever is greater (under reference conditions)
Reading modes: Single, continuous, Rapidly Settling Turbidity, signal averaging 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.
Response time: Signal averaging off: 6.8 seconds / Signal averaging on: 14 seconds (when 10 measurements are used to calculate the average).



Laboratory Instrument India