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**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

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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**