



TL2360 LED Turbidimeter, ISO, 0-10000 NTU

Product #:

LPV444.99.00320 **Hazardous**

AED Price:

Contact Hach



Trusted measurement for high turbidity applications; simplified.

The new TL23 Series laboratory turbidimeters blend trusted technology and improved features to simplify testing in the most demanding wastewater and industrial applications.

Improved and intuitive design

The TL23 Series' 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.

A smart device for more reliable measurements

The TL23 Series 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 TL23 Series 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, Hach® makes it easy to Be Right.

Specifications

Accuracy:	Absorbance: ± 0.005 Abs from 0 - 1 Abs at 860 nm
	Transmittance: 0.12% T from 10 - 100% T at 860 nm
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
Certifications:	CE, KC, RCM
Communication:	USB
Compliance:	ISO
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
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
Measurement method:	Nephelometric
Measuring range:	FNU (Ratio on): 0 - 1000

FNU (Ratio off): 0 - 40

FAU (auto range): 20 - 10000

NTU (Ratio on): 0 - 10000 auto decimal

NTU (Ratio off): 0 - 40

EBC (Ratio on): 0 - 2450 auto decimal

EBC (Ratio off): 0 - 9.8

Absorbance (auto range): 0 - 2.00

Transmittance (%): 1.0 - 100

Degree (mg/L): 0 - 100

Model:

TL2360 ISO

Operating temperature range:

0 - 40 °C

Power requirements (Amps):

3.4 A

Power requirements (Hz):

50/60 Hz

Power requirements (Voltage):

100 - 240 V AC

Reading modes:

Manual or auto range, signal averaging on and adjustable or off, ratio on or off

Regulatory:

Meets ISO 7027, DIN EN 27027, DIN 38404 and NFT 9033

Repeatability:

±1% of reading or 0.01 FNU/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 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.

Sample requirements:

25 mm sample cell: 20 mL minimum

0 to 70 °C (32 to 158 °F)

Source lamp:

LED

Stabilisation time:

Immediately

Storage conditions:

-20 - 60 °C

Units:

FNU, FAU, NTU, EBC, Abs (absorbance), %T (% transmittance) and mg/L

Warranty:

24 months

Weight:

3.0 kg

What's included?:

TL2360 Turbidimeter, silicone oil, oiling cloth, 1-inch sample cells (30 mL) with caps (6x), Gelex secondary turbidity standardization kit, Stabcal calibration kit, power supply, power cord, dust cover

What's included?

TL2360 Turbidimeter, silicone oil, oiling cloth, 1-inch sample cells (30 mL) with caps (6x), Gelex secondary turbidity standardization kit, Stablcal calibration kit, power supply, power cord, dust cover