TL2310 LED Turbidimeter, ISO, 0 - 1000 NTU

Product #:	**LPV444.99.00120**
ZAR Price:	Contact Hach
Available	

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:	±2% of reading plus 0.01 FNU/NTU from 0 - 1000 FNU/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
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:	0 - 1000 NTU
Model:	TL2310 ISO
Operating temperature range:	0 - 40 °C
Power requirements (Amps):	3.4 A
Power requirements (Hz):	50/60 Hz

Power requirements (Voltage):	100 - 240 VAC
Range:	NTU/FNU: 0 - 1000
Reading modes:	Single, continuous, Rapidly Settling Turbidity, signal averaging 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
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 to 60 °C
Units:	FNU and NTU
Warranty:	12 months
Weight:	3.0 kg
What's included?:	TL2310 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

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