



## 2100N Laboratory Turbidimeter, EPA 180.1, 230V

Product #: 4700002

**OBSOLETE ITEM**  
This item is no longer available.

Suggested replacements:

- LPV444.99.00210

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### Specifications

Accessories:	Flow-cell kit, cell adapter kits, sample degassing kit
Accuracy:	$\pm 2\%$ of reading plus 0.01 NTU from 0 - 1000 NTU  $\pm 5\%$ of reading from 1000 - 4000 NTU
Air purge:	0.1 scfm at 69 kPa, hose barb connection for 1/8 in tubing, maximum 138 kPa. Dry nitrogen or instrument-grade air.
Compliance certifications:	UL/CSA
Cuvette compatibility:	25mm round; 12, 13, 16, and 19 mm round with optional adapter kit
Dimensions (H x W x D):	156 mm x 400 mm x 305 mm
Display type:	8-digit LED display
Includes:	Instrument, sample cells, StablCal calibration standards, silicone oil, oiling cloth, dust cover, manual, power cord with Continental European plug, EPA filter
Interface:	RS232 serial (bi-directional)
Lamp Type:	Tungsten
Manual languages:	English, Spanish, French
Max. operating humidity:	90 %
Measuring mode:	NTU, EBC, Nephelo
Measuring range:	0 - 4000 NTU NTU mode, ratio on: auto, auto decimal
Measuring range (2):	with ratio on
Operating temperature range:	0 - 40 °C
Power Options:	230 V AC with EU power cord
Power supply:	115 - 230 VAC; 50 to 60 Hz; 60 VA maximum
Regulatory:	USEPA method 180.1
Repeatability:	$\pm 1\%$ of reading or $\pm 0.01$ NTU, whichever is greater
Response time:	6.8 s with signal averaging off; 14 s with signal averaging on
Sample volume:	30 mL with 25 mm sample cells
Source lamp:	Tungsten lamp
Stabilisation time:	30 min with ratio on

Stabilization time:	60 min with ratio off
Storage conditions:	-40 °C - 60 °C
User interface:	Button
Weight:	3.77 kg