

Multi-Detector precision is at hand Portable Turbidity Meter



The 2020 sets the new standard for laboratory accuracy. With a multi-detector optical configuration, long term stability is assured and stray light and color interferences are minimized. Rapid, reliable measurements are obtained by averaging signals over a 5 second period, which minimizes fluctuating readings attributed to large particles.



Instrument Type:	Nephelometric turbidity; calibrated in NTUs
Range:	0 -1100 NTU
Resolution:	0.01 on 0-10 range, 0.1 on 10-100 range, 1 on 100-1100 range
Response Time:	5 seconds
Accuracy:	±2% of reading below 100 NTU, ±3% above 100 NTU
Display:	3½ digit LCD, Battery and Lamp status
Light Source:	Tungsten filament lamp
Sample Chamber:	Accepts 25 mm diameter flat-bottom, sample tubes with screw caps
Serial Interface:	RS-232
Power:	Battery Operation: 9V alkaline
Line Operation:	120v/60Hz or 220v/50 Hz, 100 mA, with included adapter
Size (LxWxH):	15 x 8 x 5.5 cm; 6 x 3¼ x 2½ inches



FIELD & LAB USE

Supplied with a 9 volt alkaline battery and an AC power adapter (Order Code 1773) - the 2020 is an ideal choice for regulatory monitoring, process water testing, and environmental water analysis in the field or laboratory.

EPA COMPLIANT

This nephelometric turbidity instrument meets or exceeds EPA design specifications for NPDWR and NPDES turbidity monitoring programs as specified by USEPA method 180.1. There is also an EPA compliance reading mode which rounds the reading to meet EPA reporting requirements.

MICRO PROCESSOR BASED

RANGE: 0 to 1100 NTUs. The microprocessor enables auto-ranging over the full range of 0 to 1100 nephelometric turbidity units (NTUs) and provides direct digital readout with a resolution of 0.01 for the lowest range with an accuracy of $\pm 2\%$.

EASY TO OPERATE & CALIBRATE

The simple calibration procedure involves activating the ▼ or ▲ keys until the reading matches the standard. The microprocessor adjusts the factory programmed calibration curve accordingly. Two primary turbidity standards are provided.

EUROPEAN CE MARK

The 2020 has been independently tested and has earned the European CE Mark of compliance for electromagnetic compatibility and safety.

RS-232 INTERFACE

An RS-232 port is provided to interface with a datalogger or computer. Optional cable available, Order Code 1772.

A GREAT VALUE!

Attractively priced, the 2020 Portable Turbidity Meter comes with AC adapter, four optically selected sample vials with screw caps, standardization package consisting of 1.0 NTU (Order Code 1476) and 10.0 NTU (Order Code 1477) AMCO™ standards, and an illustrated instruction manual, all in a sturdy carrying case.

TO ORDER:

Model 2020 (120V/60Hz) • ORDER CODE 1799

Model 2020 (220V/50Hz) • ORDER CODE 1799-EX2

(Must specify voltage requirement when ordering)

OPTIONS:

- 1.0 NTU AMCO™ Standard • ORDER CODE 1476
- 10.0 NTU AMCO™ Standard • ORDER CODE 1477
- AC Power Adapter • ORDER CODE 1726-110
- RS232 Cable • ORDER CODE 1772



P.O. Box 329 • Chestertown • MD • 21620 • USA
800-344-3100 • 410-778-3100 • fax 410-778-6394
www.lamotte.com

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