

FIELD Environmental Instruments

Equipment Rental and Field Supplies

Lamotte

2020

Turbidimeter

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Toll-Free
800-393-4009



The 2020 Turbidimeter is a portable, microprocessor controlled nephelometer.

A multi-detector optical configuration assures long term stability and minimizes stray light and color interferences.

All readings are determined by the process of signal averaging over a 5 second period, minimizing fluctuations in readings attributed to large particles and enabling rapid, repeatable measurements.

The microprocessor enables auto-ranging over the full range of 0 to 1100 NTU and provides direct digital readout with a resolution of 0.01 NTU for the lowest range.

Model 2020 meets or exceeds EPA design specifications for NPDWR and NPDES turbidity monitoring programs as specified by the USEPA method 180.1.

SPECIFICATIONS

RANGE:	0.00 – 1100 NTU	
ACCURACY:	+/-2% for readings below 100 NTU +/-3% above 100NTU	
RESOLUTION:		
Standard Mode:	0.01from 0.00-10.99 NTU 0.1from 11.0-109.9 NTU 1.0 from 110-1100 NTU	
EPA Mode:	0-1.0 NTU 100-400 NTU 10-40 NTU 400-1000 NTU 40-100 NTU 1000 NTU	
Reported to the Nearest NTU:	0.05 10 1.0 50 10 100	
Display:	3 ½ digits	
Response Time:	5 second	
Lamp:	Tungsten Filament bulb (approximate life 800 hours)	
Sample:	15mL in capped tube	
Sample Chamber:	Accepts 25mm diameter flat-bottomed tubes (capped)	
Power Source:	Battery Operation: 9Volt Alkaline Line Operation: 120V/50Hz, 220V/60Hz, with supplied adapter	
Size (LxWxH):	8.5 x 16.2 x 6.7cm; 3.4 x 6.4 x 2.6in	

99 Miller Avenue

Braddock, PA 15104

800-393-4009

Fax 412-271-5083

info@
fieldenvironmental.com

Visit us soon on the web
www.
fieldenvironmental.com

Inquiries and orders
800-393-4009