



PORTABLE TURBIDITY METER

LTM-A1 SERIES

Portable Turbidity Meter LTM-A1 Series

Portable Turbidity meter LTM-A1 series with microprocessor controlled system, utilizes 90° scattered light principle to measure water turbidity in nephelometric turbidity unit i.e. NTU. The formazine standard solution of turbidity mentioned in ISO 7027 is used for turbidity analysis. Portable meter, used in field and lab scale analysis, delivers highly accurate results as per the GLP standards.

Features

- Quick and automatic multi-points calibration
- LCD display with touch keypad
- Non- linear data processing and transfer
- Selectable automatic or manual switch mode
- High through put stability
- Auto shut down system
- Easy to use
- Standard carrying case for field analysis

Applications

Used to test turbidity of water across water testing plants, water recycling units, and food and beverage units as a quality and research parameter.

Specifications

Model no.	LTM-A10	LTM-A11	LTM-A12	LTM-A13	LTM-A14	LTM-A15
Measuring van (NTU)	0 to 200	0 to 100, 0 to 200	0 to 100, 100 to 400	0 to 100, 100 to 500	0 to 100, 100 to 800	0 to 100, 100 to 1000
Minimum readout value (NTU)	0.1	0.01, 0.1				
Calibration point	Nil	4	5	6		7
Sample volume	5 to 10 ml					
Principle Method	90° scattered light					
Operating temperature	5 to 40 °C					
Working temperature	5 to 40 °C					
Light source	Infrared-emitting diode (850 nm λ)					
Detector	Silicon photodiode					
Error value	$\pm 6\%$ ($\pm 2\%$ F.S)					
Zero drift	$\pm 0.5\%$ F.S.					
Reset functions	Yes					
Memory	Stores up to 20 sets data					
Dimension	370 × 260 × 150 mm					
Weight	1.5 kg					
Power batteries	DC 1.5 V, 5 AA alkaline batteries					
Power supply	AC 220 V, 50 Hz					

Optional Accessories

Accessory No.	Name
01	USB communication interface

Standard accessories

Accessory No.	Name	Quantity
01	Specimen bottle	3 pcs
02	400 NTU (Formazine) turbidity standard solution	1 bottle
03	Power cable	1 pc
04	Carrying box	1 pc