

Bench top turbidity meter (with built-in printer)

LTM-C1 series



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Bench top turbidity meter (with built-in printer) LTM-C1 series with microprocessor controlled system, works on 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. This turbidity meter delivers highly accurate results with better numerical calculations to meet GLP standards.

Features

- Equipped with Built-in printer
- Touch keypad backlight LCD display
- Wide turbidity measurement range
- High through put stability
- Quick and automatic multi-points calibration
- Auto power off function
- Easy to operate

Applications

Used in water treatment plants, swimming pool, water recycling units, research and quality testing laboratories of pharmacy, life science, food, and beverage industry.

Specifications

Model no.	LTM-C10	LTM-C11	LTM-C12	LTM-C13	LTM-C14	LTM-C15
Measuring range (NTU)	0 to 100, 0 to 200	0 to 100, 0 to 200, 0 to 500	0 to 10, 0 to 100, 0 to 200, 0 to 500	0 to 10, 0 to 100, 0 to 200, 0 to 500, 0 to 1000	0 to 10, 0 to 100, 0 to 200, 0 to 500, 0 to 1000	0 to 10, 0 to 100
Minimum readout value (NTU)	0.01		0.001	0.01	0.001	
Calibration point	2	3	4	5	5	2

Sample volume	18 to 20 ml
Principle method	90° scattered light
Operating temperature	Room temperature
Working temperature	Room temperature
Light source	Infrared-emitting diode (850 nm λ)
Detector	Silicon photodiode
Error value	(F.S) $\pm 2\%$, $\pm 3\%$, $\pm 5\%$
Zero drift	(F.S) $\pm 0.5\%$ (0.02 NTU)
Reset functions	No
Memory	Nil
Output	RS232 data communication interface
Dimension	415 × 375 × 200 mm
Weight	4 kg
Power batteries	DC 1.5 V, 5 AA alkaline batteries
Power supply	AC 220 V, 50 Hz

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