TURBIDITY METER

Model : TU-2016

ISO-9001, CE, IEC1010

Lutron

LUTRON ELECTRONIC

The Art of Measurement

TURBILITY METER Model : TU-2016

FEATURES
* Designed to meet ISO 7027.
* NTU (Nephelometric Turbility Unit) measuring unit.
* Wide and auto measurement range : 0 to 1,000 NTU.
* High resolution : 0.01 NTU/1 NTU.
* The unique optics structure, enables the instrument to read low value of turbility to the high level up to 1,000 NTU.
* Four operation buttons and three calibration points, easy operation.
* Jumbo LCD, easy readout.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Three point push button calibration, easy operation.
* Battery operated for field and on-site testing convenience.
* Data hold function for freezing the desired value on display.
* Records Maximum and Minimum readings with Recall.
* Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
* Auto shut off is available to save battery life.
* Application : Test municipal water, food and beverage water, or other aqueous solution where fluid clarity is important.

SPECIFICATIONS		
Circuit	Custom one-chip of microprocessor LSI circuit.	
Display	LCD size : 41 mm x 34 mm	
Range	0.00 to 50.00 NTU, 50 to 1,000 NTU * NTU : Nephelometric Turbility Unit * Auto range	
Resolution	0.01 NTU/ 1 NTU	
Accuracy	± 5 % F.S. or ± 0.5 NTU, which ever is greater.	
Light source	LED, 850 nm.	
Detector	Photo diode	
Standard	Meet ISO 7027.	
Response time	Less than 10 seconds.	
Sample volume needed	10 mL.	
Data Hold	Freeze the display reading.	
Memory Recall	Maximum & Minimum value.	
Display Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life or manual off by push button.	
Calibration points	0 NTU, 10 NTU, 500 NTU.	
Operating Temperature	0 to 50 ℃.	
Operating Humidity	Less than 85% R.H.	
Power Supply	DC 1.5 V battery (UM4, AAA) x 6 PCs, or equivalent.	
Power Current	Stand by	Approx. DC 3.5 mA.
	Testing	Approx. DC 36 mA.
Weight	320 g/0.70 LB. @ Battery is included.	
Dimension	155 x 76 x 62 mm (6.1 x 3.0 x 2.4 inch)	
Accessories Included	Instruction manual.....................................1 PC 0 NTU standard solution.............................1 PC 10 NTU standard solution............................1 PC Empty testing bottle....................................2 PCs Hard Carrying case...................................... 1 PC	
Optional Accessories	500 NTU standard solution	