Thermo Scientific Eutech TN-100 Turbidity Meter

Waterproof Hand Held Turbidity Meter

Features

- Lightweight, ergonomic, and waterproof to IP67 –and it floats!
- New design for fast response – full step change in as little as 6 seconds
- Auto range up to 2000 NTU Designed to perform over 1,200 tests with most AAA batteries with advanced power management design
- Meets ISO 7027 standards and offers consistent light source for outstanding accuracy

Technical Specifications

Turbidity Portable Meter	ECTN100IR
Range	0 to 2000 NTU
Automatic Range Selection	0.01 to 19.99 NTU; 20.0 to 99.9 NTU; 100 to 2000 NTU
Resolution	0.01 NTU (0 to 19.99 NTU); 0.1 NTU (20.0 to 99.9 NTU); 1 NTU (100 to 2000 NTU)
Accuracy	< 0.1 NTU for 0.02 NTU standard; ±2 % of reading ±1 digit for 0 to 500 NTU; ±3 % of reading ±1 digit for 501 to 2000 NTU
Repeatability	< ±1 % of reading
Calibration	Up to 4 points
Calibration Standards	0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU
Response Time	< 6 secs for full step change
Sample Volume	10 mL
Light Source	Infrared-emitting diode (850 nm wavelength)
Operating Temperature Range	0 to 50 0C
Sample Temperature Range	0 to 50 0C
Enclosure Type & Rating	ABS plastic & IP67 rated
Power	4 x 1.5 V 'AAA' alkaline batteries (> 1200 readings)
Certifications / Compliance	FCC part 15 class A, TUV 3 in 1, CE, RoHS
Dimensions (LxWxH)	Meter: 15.5 x 6.8 x 4.6 cm; Boxed: 35.5 x 16.5 x 10.5 cm
Weight	Meter: 200 g; Boxed: 1,160 g

Product Code	Cat No.	Description
ECTN100IR	8013 003	Waterproof TN-100 handheld turbidimeter with set of 4 calibration standards (800, 100, 20.0 & 0.02 NTU), set of 7 sample cuvettes (vials), lint-free cloth, silicone oil, batteries, and hard carrying case
TN100CALKIT	8013 006	Calibration kit set – standard solutions (0.02, 20.0, 100, 800 NTU) 60 mL each and (4) vials
ECTN100CUVKIT	8013 010	Pack of 3 sample cuvettes (vials)