IONIX INSTRUMENTS

TN50

HANDHELD SERIES

TURBIDITY METER

Features

- Large coloured TFT easy-to-read screen with blue backlight
- Intelligent functions, such as automatic calibration with progress bar, on-screen guide and low battery indicator, and automatic power off, etc
- Durable and waterproof design (IP67) for laboratory and field use
- Comes in a convenient rugged carrying case, which includes everything needed for lab or field measurements (calibration standards, sample vials and other necessary accessories)

- Autoranging from 0 to 1000 nephelometric turbidity units (NTU)
- Meets ISO 7027 (DIN EN 27027) performance criteria
- US EPA recognized standards are included in sealed vials

3 Years Warranty
*except for sensor

IP67 WATERPROOF

TURBIDITY METER SPECIFICATIONS

	TN 50
Measuring Method	ISO 7027 compliant nephelometric Method (90°)
Measuring Range	0 ~ 1000 NTU, automatic range selection: 0.01~19.99 NTU 20.0~99.9 NTU 100~1000 NTU
Resolution	0.01 / 0.1 / 1 NTU
Indication Error	≤ ±2 % of reading ± stray light
Repeatability	≤ ±1 % of reading or 0.02 NTU, subject to whichever is greater
Calibration Standards	0.02 NTU, 20.0 NTU, 100 NTU, 800 NTU (Polymer)
Light Source	Infrared-emitting diode (850nm wavelength)
Detector	Silicon photovoltaic
Display	TFT Color screen
Sample Vials	Ø25x60 mm, high borosilicate glass with screw cap
Sample Volume	18ml
Operating Temp. Range	0~50°C (32°F~122°F)
Power Supply	4x "AA" Alkaline Batteries
IP Rating	IP67
Dimension/Weight	Meter: (90x203x80)mm / 385g carrying case: (310x295x110)mm / 1.5kg
Quality and Safety Certificate	ISO9001:2008 & CE

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www.ionixinstruments.com