Portable Turbidity Meter TB100

Features:

◆ High-performance portable turbidity meter meets the design criteria in ISO 7027

◆ 2 to 5 points calibration using the Formazin Standards

◆ Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC

◆ Single measurement mode automatically senses and locks a stable reading

◆ Continuous measurement mode can be used for indexing or matching the sample vials

◆ Auto-Power Off effectively conserves battery life

◆ Setup menu allows setting the number of calibration points, resolution, date and time, etc.

◆ Reset function automatically resumes all settings back to the factory defaults

◆ Expanded memory stores or recalls up to 100 data sets

Technical Specifications:

	Model	TB100
Turbidity	Principle	ISO 7027 nephelometric method (90°)
	Range	0~1100 NTU, 0~275 EBC, 0~9999 ASBC
	Resolution	0.01 (0~99 NTU), 0.1 (100~999 NTU), 1 (1000~1100 NTU)
	Accuracy	±2% of reading (0~500 NTU), ±3% of reading (501~1100 NTU)
	Calibration Points	2 to 5 points
	Calibration Standards	0.02, 10, 200, 500, 1000 NTU
Other Specifications	Light Source	Infrared-emitting diode (850nm wavelength)
	Detector	Silicon photodiode
	Stray Light	< 0.02 NTU
	Sample Vial	60 (H) x 25 (Dia) mm
	Sample Volume	30mL
	Memory	100 data sets
	Communication Interface	USB
	Operating Temperature	0~50°C
	Display	Custom LCD (60 x 40 mm)
	Power Requirements	3 x 1.5V AA batteries or DC5V power adapter
	Dimensions	180 (L) x 85 (W) x 70 (H) mm
	Weight	300g