



ITEM	FEATURES DESCRIPTION
1	High-performance portable turbidity meter meets the design criteria in ISO 7027.
2	2 to 5 points calibration using the Formazin Standards.
3	Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC.
4	Single measurement mode automatically senses and locks a stable reading.
5	Continuous measurement mode can be used for indexing or matching the sample vials.
6	Auto-Power-Off effectively conserves battery life.
7	Setup menu allows setting the number of calibration points, resolution, date and time, etc.
8	Reset function automatically resumes all settings back to the factory defaults.
9	Expanded memory stores or recalls up to 100 data sets
10	USB communication interface for data transfer or connecting a power adapter to meter.

*BEP-TB100: Meter, turbidity standards (0.02, 200, 500, 1000 NTU), sample vials, lint-free cloth and carrying case.*

FEATURE	TECHNICAL SPECIFICATION	
	DESCRIPTION	CAPACITY
TURBIDITY	PRINCIPLE	ISO 7027 nephelometric method (90°)
	RANGE	0-1100NTU, 0-275 EBC, 0-9999ASBC
	RESOLUTION	0.01 (0-99NTU), 0.1 (100-999NTU), 1 (1000-1100NTU)
	ACCURACY	±2% of reading (0-500NTU), ±3% of reading (501-1100NTU)
	CALIBRATION POINTS	2 to 5 points
	CALIBRATION STANDARDS	0.02, 10, 200, 500, 1000NTU
OTHER SPECIFICATIONS	LIGHT SOURCE	Infrared-emitting diode (850nm wavelength)
	DETECTOR	Silicon photo diode
	STRAY LIGHT	<0.02 NTU
	SAMPLE VIAL	60(H)× 25 (Dia.)mm
	SAMPLE VOLUME	30mL
	MEMORY	100 data sets
	COMMUNICATION INTERFACE	USB
	OPERATING TEMPERATURE	0-50
	DISPLAY	Custom LCD (60×40mm)
	POWER REQUIREMENTS	3×1.5V AA batteries or DC5V power adapter
DIMENSIONS	180 (L)× 85 (W)×70 (H)mm	
WEIGHT	300g	

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