

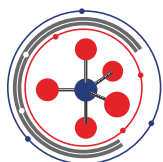
# AVANPRO



## AP-TB100

Turbidity Meter

The **AP-TB100** portable turbidity meter is easy to operate and offers accurate results every time. Its integrated memory can store up to 100 data sets, allowing users to save time. The USB interface allows for data to be stored and transferred to your computer. The **AP-TB100** comes standard with a carrying case, ideal for transportation and fieldwork.



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# AP-TB100

Turbidity Meter

## TECHNICAL DATA

### MEASUREMENT PARAMETERS:

- Turbidity, total suspended solids (TSS)

### 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, time, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 100 data sets
- USB communication interface for data transfer or connecting a power adapter to meter



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) × 25 (Dia) mm
	Sample Volume	300mL
	Memory	100 data sets
	Communication Interface	USB
	Operating Temperature	0 - 50°C / 32-122°F
	Display	Custom LCD (60 × 40 mm)
	Power requirements	3 × 1.5V AA batteries or DC5V power adapter
	Dimensions	180 x 85 x 70mm / " x " x "
	Weight	300g / oz
Warranty	1 year	



### ACCESSORIES INCLUDED:

- Sample vials
- Lint-free cloth
- Carrying case

