

BT-4000H Turbidity Meter

Main Features

- 7 inch high-resolution touch screen with friendly UI.
- Direct reading of concentration and suitable for different water up to 4000NTU.
- Preprogrammed curve with manual and automatic range switching function.
- Large-capacity storage of storing 5000 sets of test data.
- Adopt dual-light source (tungsten & LED) and dual-optical path (transmitted & scattered light) testing system to achieve precise testing of water samples.
- High-precision filter system makes the instrument more stable and accurate.
- Built-in thermal printer and USB port make it more convenient for data printing and export.
- With function of dilution factor setting and automatically display final data.
- Range progress bar displays the position of the sample turbidity in the entire test range.
- Optional PC software with audit trail function.



Specifications

Instrument model	BT-4000H	
Light source	White LED	Infrared LED
Wavelength	400-600nm	860nm
Test range	0-100NTU	0-4000NTU
Light path mode	90 ° scattered light	0-1600NTU scattered light
		1600-4000NTU transmitted light
Test time	Automatic range: (3-9 seconds)	
	Manually switch single range: (3 seconds)	
Error	$\leq \pm 5\%$	
Repeatability	$\leq \pm 3\%$	
Blank drift	0.02 NTU	
Resolution	$\leq 10\text{NTU}$	0.01NTU
	10-100NTU	0.1 NTU
	100-4000NTU	1NTU
Unit	NTU, FTU, FAU, FNU, JTU, EBC, mg/L and unit custom	
Colorimetric method	Colorimetric vial	
Data Port	USB	
Data storage	Instrument storage: 5000 pieces	
	USB real-time storage	