PORTABLE TURBIDIMETER

SI3855

Stellar INSTRUMENTS

The SI3855 is a rugged, ISO-compliant turbidity meter with strong calibration flexibility and data handling—ideal for lab and field use. With decent accuracy, multi-unit capability, and a USB interface.
Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC.

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.
- Auto-power off effectively conserves battery life.
- Single measurement mode automatically senses and locks a stable reading
- Continuous measurement mode can be used for indexing or matching the sample vials

TECHNICAL SPECIFICATION

Measuring Range	0 to 1100 NTU/ 0 to 275 EBC / 0 to 9999 ASBC
Minimum Resolution(NTU)	0.01(0~99), 0.1(100~999), 1(1000~1100)
Accuracy	±2% of reading (0~500NTU), ±3% of reading (501~1000NTU)
Calibration	2 to 5 points
Calibration Standard(NTU)	0.02 / 10 / 200 / 500 / 1000
Light Source	Infrared-emitting diode, wavelength 850 nm
Detector	Silicon photodiode
Stray Light(NTU)	< 0.02
Sample Vial	60 × 25(Ø) mm
Sample Volume	20 ml
Auto-Power Off	15 minutes after last key pressed
Memory	Stores up to 100 data sets
Output	USB communication interface
Display	Custom LCD (60 × 40 mm)
Battery	3×1.5V AA batteries
Weight	300g
Dimension	280 × 85 × 70 mm