

Portable Turbidity Meter

LH-Z02A/10A

Water Quality Test Analyzer Series



Product Introduction

The portable turbidity meter combines the scattered light method and the transmitted light method, adoption the near-infrared light source to eliminate chromaticity interference. The instrument set two detectors, 90° and 180°. The 180° detector receives the transmitted light and the 90° detector receives the scattered light. Measure the ratio of the intensity of scattered light and transmitted light, and calculate the concentration of suspended solids and turbidity in the sample.



HD LCD screen
OLED full color display, clarity data display and high contrast.



Beautiful and durable appearance
5 touch buttons, acrylic protection panel, long service life.

Application

Portable turbidity analyzer supply for sewage treatment, epidemic prevention station, chemical industry and other industries. Test and control the turbidity of water for meeting the water quality standards

Features



The light source advantage
With near-infrared LED light source, reduce the interference in chroma, which conforms to standard ISO7027.



Professional testing
Imported polymer turbidity calibration solution, non-toxic and safe. The Built-in lens, filter, high-precision optical path structure with the accurate and stable measurement results.



Waterproof sealing
USB waterproof design, IP65 classified protection, suitable for field applications.



Multi power mode
Supports power management, charging by USB data cable or lithium battery.

Technical Parameter

Model No.	LH-Z02A	LH-Z10A
Measuring Range	0~200NTU	0~1000NTU
Resolution	0.01/0.1/1.0NTU	0.1/1.0NTU
Indication Error	≤±0.2NTU@<5NTU ≤±5%@≥5NTU	≤±1NTU@<10NTU ≤±10%@≥10NTU
Calibration	4-point calibration (Standard calibration solution)	7-point calibration (Optional calibration solution)
Repetitiveness	≤±0.1NTU@<10NTU ≤±1%@≥10NTU	
Zero Drift	≤±0.1NTU	
Working Temperature	5~40°C	
Storage Temperature	-10~55°C	
Humidity	0~80%RH	
Power	Lithium battery (Optional dry battery)	
Size	170×72×44mm	

