

Portable Water Quality Total Suspended Solids Turbidity Analyzer

LH-Z10A/LH-XZ03

Introduction

The portable water quality total suspended solids turbidity test analyzer measures the scattered light principle in the direction of 90° according to the ISO 7072 standard. Combined with the scattered light method and the transmitted light method, an infrared light source is used to eliminate the noise and the measurement results are more accurate and reliable. The instrument has built-in dual detectors of 90° and 180°. The 90° detector receives scattered light and the 180° detector receives transmitted light. The intensity of the scattered light and the transmitted light is proportional to the turbidity in the sample to converted turbidity of the water sample.

Feature



Double light test



Professional testing



Sealed waterproof



Strong storage

Detail



Technical Data

Measurement Parameters	LH-Z10A(Turbidity)		LH-XZ03(TSS)	
Measuring Range	0~20NTU	0~1000NTU	0~1000mg/L	0~1000NTU
Accuracy	±0.1NTU or ±5%	±0.3NTU or ±8%	±0.3mg/L or ±8%	±0.3NTU or ±8%
Repeatability	≤±0.1NTU@<10NTU ; ≤±1%@≥10NTU		<10mg/L, ≤±0.1mg/L ≥10mg/L, ≤±1%	<10NTU, ≤±0.1NTU ≥10NTU, ≤±1%
Calibration Method	Calibration Up To 4 Points (Optional Calibration Solution)	Calibration Up To 8 Points (Optional Calibration Solution)	1 Point Calibration	Four points calibration (Up to 8 points calibration)
Zero Drift	≤±0.3%F.S/30minutes			
Operating Temperature	5~40℃			
Storage Temperature	-10~55℃			
Humidity	0~80%RH			
Power Supply	Lithium Battery			
Protection Grade	IP65			
Size	170X72X44mm			
Weight	290g			