

Turbidity Meter

PN: 568695



A digital turbidimeter (Range 0 to 1000 NTU) is essential onboard vessels for monitoring the clarity of potable and sewage water. It ensures compliance with water quality standards by measuring suspended particles, vital for safeguarding drinking water safety and assessing sewage treatment efficiency. This device supports maritime health and environmental regulations.

Compliant with EN ISO 7027, the turbidity meter (digital) is an approved EPA testing method that enables fast, precise on-site testing.

It measures scattered light at 90°, following EN ISO 7027 standards. With a range of 0.01-1100 TE/F = NTU = FNU, it suits various applications from drinking water to wastewater. Using infrared light, it tests both coloured and colourless liquids effectively.

Technical Specifications

Optics	Temperature compensated LED ($\lambda = 860 \text{ nm}$) and photosensor amplifier in waterproof sample chamber, infrared light
Measuring Principle	Nephelometric (90° scattered light)
Measuring Range	0,01-1100 NTU (Auto range)
Accuracy	$\pm 2.5 \%$ of reading, or $\pm 0.01 \text{ NTU}$, whichever is bigger, in the range of 0.01 - 500 NTU; $\pm 5 \%$ of reading in the range of 500 - 1000 NTU
Display	Backlit LCD
Interfaces	Micro-USB
Operation	Polycarbonate membrane, splash proof
Internal Storage	Internal ring memory for 125 data sets
Compliance	CE
Dimensions	4.33 x 2.17 x 7.48"

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V1.0-112024

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