



ENVIRONMENTAL & WATER ANALYSIS

BENCHTOP TURBIDITY METER ALC-TB Series

Fast and accurate turbidity measurement.

The ALC-Scientific Turbidity Meter provides reliable turbidity analysis for water, wastewater and general laboratory samples.



MEASUREMENT RANGE

0-1000 NTU

ACCURACY

±2% FS

APPLICATION

Water / Environmental

MODEL

ALC-TB Series

CATALOGUE NUMBER

To be confirmed



OVERVIEW & FEATURES

ENVIRONMENTAL & WATER ANALYSIS

Reliable nephelometric turbidity analysis for water, wastewater and laboratory workflows.

ALC-TB Series

The ALC-Scientific Turbidity Meter provides accurate and repeatable turbidity measurement for drinking water, wastewater, environmental monitoring and general laboratory use.



MEASUREMENT RANGE

0–1000 NTU

ACCURACY

±2% FS

APPLICATION

Water / Environmental

Key Features

- ✓ Intuitive touchscreen interface
- ✓ Compact benchtop design
- ✓ Fast and stable readings
- ✓ Multi-point calibration
- ✓ Data storage capability
- ✓ Suitable for water and wastewater labs

Working Principle

The meter measures the light scattered by suspended particles in the sample at a specific angle and converts the scattered light intensity to turbidity in NTU (Nephelometric Turbidity Units).

TYPICAL APPLICATIONS

- Drinking water
- Wastewater
- Effluent monitoring
- Environmental labs
- QC testing
- Academic labs



REFERENCE TECHNICAL DATA

Model-specific values require approved OEM confirmation.

PARAMETER	REFERENCE SPECIFICATION
Product type	Benchtop Turbidity Meter
Measurement range	0–1000 NTU
Accuracy	±2% FS
Method	Nephelometric
Light source	LED, model dependent
Display	Integrated touchscreen display
Calibration	Multi-point calibration
Sample mode	Cuvette-based analysis
Data handling	Internal storage / data export, model dependent
Power supply	220–240 V AC, 50 Hz
Applications	Water / wastewater / environmental analysis

STANDARD SUPPLY

- Main unit
- Sample cells / cuvettes
- Calibration standards
- Power adaptor
- User manual

OPTIONAL / MODEL-DEPENDENT

- Additional standards
- Printer / data export
- Protective cover
- Accessories kit
- Validation support

TO BE CONFIRMED

- Final model
- Compliance requirement
- Site requirement
- Required documentation
- Delivery timeline / commercial terms


ALC-Scientific
LAB-GRADE ENGINEERING. OEM SCALE RELIABILITY.
RESEARCH • INSTRUMENTS • OEM MANUFACTURING • LAB SOLUTIONS

APPLICATIONS & ENQUIRY

LABORATORY APPLICATIONS

A practical platform for professional water-analysis workflows.

Applications



Drinking water testing



Wastewater testing



Effluent monitoring



Environmental laboratories



Municipal QA



Academic labs

Product Advantages



Accurate turbidity measurement



Compact bench design



Touchscreen interface



Repeatable readings



Calibration convenience



OEM / private-label suitability

INDUSTRIES SERVED

Research / Academic institutions / Environmental / Utility / Water-treatment laboratories


SCAN PRODUCT PAGE
alcsscientific.com/brochure/benchtop-turbidity-meter

Request a model-specific quotation.

Share your sample type, application, throughput, installation city and documentation needs. Final performance values and specifications are validated with the approved technical datasheet and commercial quotation.

ALC-SCIENTIFIC LABORATORY SYSTEMS

OEM / PRIVATE LABEL AVAILABLE


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Specifications are subject to change without prior notice.