

# Laboratory Turbidity Meters

## Turb 550 IR



The professional turbidity meter up to 1000 NTU

Laboratory turbidity meters for nephelometric measurements with automatic 3-point calibration, RS 232 output, built-in real-time clock and calibration interval monitoring.

Measuring range selection from 0.01 ... 1000 NTU is carried out automatically and for comparative measurements the current and previous values can be shown on the 2-line display.

Standard equipment includes instrument with built-in short operating instructions, 2 empty cuvettes and 3 standard (0.02 - 10.0 - 1000 NTU, AMCO® standards with approval for drinking water as primary standard according to US EPA and according to EN ISO 7027)

An unpressurized flow-thru adapter is available for continuous measurements.

Order No. 688110

### Technical Data

Measuring principles	: Nephelometric ratio method
Light source	: IR-LED
Measuring range	: NTU: 0 ... 1000 PMU: 0 ... 1000 EBC: - Nepheloc: - FAU: -
Resolution	: 0.01 NTU from 0.00 ... 3.99 0.1 NTU from 10.0 ... 99.9 1 NTU from 100 ... 1000
Accuracy	: ±2% of value or ±0.01 NTU
Reproducibility	: ±1% of value or ±0.01 NTU
Automatic measuring range switching	: Yes
Calibration	: Automatic 1...3 point calibration
Response time	: < 3 seconds
Display	: 2-line with special characters
Cuvetts	: 1.1 x 2.75 in (28 x 70 mm) round cuvettes
Sample volume	: 25 ml
Interface	: RS 232, unidirectional
Clock/Calendar	: Built-in real-time clock
AGA functions	: Calibration interval monitoring Calibration protocol
Operating temp.	: 50 ... 104 °F (+10 ... +40 °C)
Power supply	: Plug-in power supply 100-240 VAC ±10% / 47 - 63 Hz

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