

Lovibond® Water Testing Tintometer® Group



TB211 IR Portable Turbidimeter, ISO

with USB interface



The compact Lovibond® infrared turbidity meter TB 210 IR is designed to allow fast, precise on-site testing. The unit measures the scattered light at an angle of 90°, as stipulated in EN ISO 7027. The wide measuring range from 0.01-1100 TE/F = NTU = FNU makes the instrument suitable for various applications, ranging from drinking water to waste water. As infrared light is used for measurement purposes, the unit can be used to test both color and colorless liquids. The standards required for calibration of the unit are also supplied. A second adjustment mode allows alternative adjustment with user-defined turbidity standards.

- Range 0.01 - 1100 NTU
- Measurement with infrared light at an angle of 90 °
- Measurement of colored liquids
- Easy handling

Part Number: 266030

Industry

Chemical Industry | Industries Others | Marine Industry | Municipalities | NGO | Oil and Gas | Pool Public | Pool Services

Application

Drinking Water Treatment | Pool Water Control | Waste Water Treatment

TB211 IR Portable Turbidimeter, ISO

A compact instrument for reliable and easy determination of turbidity. A ring memory with 125 data sets and a USB interface guarantee an efficient data management.

Measuring Range

Test Name	Measuring Range
Turbidity	0.01 - 1100 NTU

Technical Data

Optics	temperaturecompensated LED ($\lambda = 860 \text{ nm}$) and photosensor amplifier in water proof sample chamber, infrared light
Measuring Principle	nephelometric (90° scattered light)
Measuring Range	0,01-1100 NTU (Autorange)
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
Clock	Real Time Clock and Date
Portability	Portable
Compliance	CE
Dimensions	4.33 x 2.17 x 7.48"
Weight with Packaging	(Basic unit)

Delivery Scope

- Instrument in carrying case
- 4 turbidity standards (< 0,1, 20, 200 and 800 NTU)
- 9 V battery
- 2 vials ($\varnothing 24 \text{ mm}$) with lids
- USB cable 1.5 m
- Warranty information
- Certificate of Compliance
- Instruction Manual

Title	Part Number
Set turbidity standards T-CAL (<0,1, 20, 200, 800 NTU)	194150
Battery 9 V	1950012
Cleaning cloth	197635
Sample cuvettes with black lid, Height 55 mm, $\varnothing 24 \text{ mm}$, set of 12	197655
Sample chamber lid	19801119
USB cable 1.5 m, for TB 211 IR	19802509
T-CAL®-Standard, 4000 NTU, 125 ml	48012912
T-CAL®-Standard, 4000 NTU, 500 ml	48012950

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