



Key Features

- USB interface
- Range 0.01 - 1100 NTU
- Measurement according to EN ISO 7027
- Measurement with infrared light at an angle of 90°

Applications

- General water Control/Treatment
- Drinking Water Control/Treatment
- Pool Water Control/Treatment



This compact infrared turbidity measuring instrument TB 211 IR is ideal for fast and accurate on-site analysis. The meter is easy and quick to use, and it is an accurate instrument for determining turbidity.

It is measured as provided in EN ISO 7027, the scattered light at an angle of 90°. The wide measuring ranges from 0.01 to 1100 TE / F = NTU = FNU with a detection limit of 0.01 NTU, allows the use of the device in different areas, from drinking water to wastewater.

Since the measurements are made by means of infrared light, both coloured and collarless water samples can be measured. A direct transfer of the measurement results to a PC is through the USB interface TB 211 IR easy to set up. The necessary USB cable is already part of the delivery.

Set contains

- Instrument in carrying case
- 4 turbidity standards (< 0.1, 20, 200 and 800 NTU)
- 9V battery
- Vials (ø 24 millimetre) with lids (2 pieces)
- USB cable 1.5 metre
- Warranty information
- Certificate of Compliance
- Instruction manual



Specification	
Measurement cycle	approx. 8 seconds
Display	backlit LCD (on keypress)
Optics	temperature-compensated LED and photosensor amplifier in waterproof sample chamber, infrared light
Keypad	polycarbonate membrane, splash proof
Power supply	9 V power pack battery
Auto - OFF	automatic switch-off
Storage	internal ring memory for 16 data sets
Additional feature	real time clock and date
Range	0,01 - 1100 NTU (Auto-range)
Resolution	0.01 - 9.99 NTU = 0.01 NTU 10.0 - 99.9 NTU = 0.1 NTU 100 - 1100 NTU = 1 NTU
Accuracy	± 2,5 % of reading or ± 0.01 NTU (0 - 500 NTU) ± 5 % (500 - 1100 NTU)
Housing	ABS
Dimensions (L x W x H)	190 x 110 x 55 mm
Weight	approx. 0.4 kg (base unit)
Ambient conditions	Temperature: 0 – 40 °C rel. humidity: 30 – 90%
CE-conformity	DIN EN 50081-1 VDE 0839 part 81-1: 1993-03 DIN EN 50082-2 VDE 0839 part 82-2: 1996-02

