

# Portable turbidimeter

## 2100Q



Supplied in a case for an easy transport for field measures, with standards StabCal (20, 100 and 800 NTU) and 6 sample cells, the 2100Q turbidimeter combines precision and robustness to ensure reliable measures, for the fieldwork or at the laboratory.

### Optics

The optical Ratio system uses a primary signal of nephelometric light diffused at 90° and a the transmitted diffused light signal. It compensates for the sample color, the light variations, and the spill light, so that a large variety of samples can be measured in the same conditions than in the laboratory, even when the measurement conditions are complicated.

The RST fast acquisition mode of turbidity provides a maximum accuracy and repeatability, thanks to an integrated algorithm which takes into account the settling power of your samples, through continuous measures.



Réf. 200100

### Advantages

- Simplified calibration with display assistance is done easily with the supplied solutions of Formazine StablCal.
- Recording up to 500 measures in memory.
- Delivered with calibration kit Stablcal, 6 measurement cells, the user manual, silicon oil and cloth and 4 AA batteries.

### Specific features

Range	0 to 1000 NTU
Accuracy	± 2%
Repeatability	± 1%
Resolution	0,01 NTU
Spill light	< 0,02 NTU
Sensor	Photovoltaics - silicium
Light source	Tungsten filament lamp
Sample cell	10 ml - 60 x 25 mm boro glass with screwcap
Power supply	4 AA batteries(1,5V) Or 110-230V, 50-60 Hz (optional)
IP Class	IP 67 - waterproof and dusttight
Dimensions and weight	229 x 107 x 77 mm - 600 g

### Accessories

- 200101: Stabilized plug-in power supply for 2100Q
- 200103: Calibration kit Stablcal for 2100Q
- 200104: Cells with cap f/2100P and 2100Q

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