

TURB250 - BENCH METER TURBIDITY

The compact infrared turbidity meter TURB250 is designed to allow fast and accurate field tests. Measure principle based on dispersion reading at 90° of light beam. The source of infrared light allows the use with either colored/colorless liquids samples. Infrared light source (EN ISO 7027). Supplied complete with calibration standards, but you can calibrate alternatively with standards turbidity defined by the user.



The turbidimeter TURB250 is supplied in a robust carrying case, complete with 2 sample tubes, batteries, 4 turbidity standards <0.1 to 20 - 200 to 800 NTU. English and Italian manual instructions.

Applications

Wide field: from drinking water to waste liquids

TECHNICAL SPECIFICATIONS

Measuring cycles:	approximately 8 seconds
Display:	backlit LCD
Optics:	temperature compensated LED and photocell room watertight door samples, IR light
Keyboard:	membrane keys, polycarbonate watertight
Supply:	9V battery
Auto power off:	Yes
Memory:	internal up to 16 sets of measurement, with time and date
Range:	0.01...1100 NTU auto-range
Accuracy:	+/- 2.5% f.s. or 0.01 NTU (0...500 NTU); +/-5% f.s. (500...1100 NTU)
Resolution:	0.01 NTU (0...9.99 NTU); 0.1 NTU (10...99.9 NTU); 1.0 NTU (100...1100 NTU)
Environmental conditions:	0...40°C; 30...90%H.R.
Housing:	ABS
WxDxH Dimensions:	190x110x55 mm
Weight:	0,4 kg approx, base unit
Conformity:	EC DIN EN 50081-1/VDE 0839 part 81-1: 1993-03/DIN EN 50082-2/VDE part 82-1:1996-02
Accessories/spare parts:	Kit 4 standard secondary (spare): 0.1 to 20 NTU -200-800 Code 81941503 Kit 4 test tubes H 55 mm, diam. 24 mm, with screw cap black Code 81976503

Standard for turbidity calibration traceable to NIST 1690 and 1691

Stability 18 months.

The pack of 100 ml is recommended for laboratory instruments, the 500 ml x system tools.

NTU	100 ml	500 ml
0.0	13000103	13000113
0.1	13001123	13000003
0.2	13001133	13000123
0.5	13001003	13000013
1	13001033	13000133
2	13001143	13000143
5	13001043	13000023
10	13001013	13000033
20	13001153	13000153
40	13001023	13000063
50	13001053	13000043
60	13001063	13000053
100	13001073	13000163
200	13001083	13000073
400	13001113	13000083
500	13001093	13000173
800	13001103	13000093
4000	13001213	13000183



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>