

Turb® 750 Series, WTW®

Turbidimeter up to 1100 FNU/NTU for lab and industrial applications to detect turbidity as indicator parameter for quality control of drinking and waste water, beverages, pharmaceutical, R&D, chemicals, fuels, ...

The Intelligent Reproducibility and Plausibility Check (**IRPC**) result in reliable findings also in the lowest range. IRPC computes a multiple measurement by evaluation and elimination of outliers. The alignment of marked vials (free of silicon oil) avoid disturbing glass inhomogenities. IRPC supports the measurement of rapid settling samples.

The supplied PC software Turb® Data allows GLP-compliant data management with AQA, calibration protocol and filtered or complete data sets: transfer in CSV format, import in Excel, export to LIMS.

- Proven WTW® optics with light trap
- Determination in drinking water acc. to DIN EN / US EPA
- Menu-guided 3-point standard calibration, 2-5 point user-defined calibration
- QuickCAL: 1-point-calibration at 10 NTU
- Bench-saving despite comprehensive functionality
- AQA, calibration interval and records with PC-documentation

Technical data:

Measurement mode:	Nephelometric (scattering 90°)
Measurement range:	0 – 1100 FNU/NTU
Display:	Backlit graphics display 160 × 104
Resolution:	0.01 for 0.00 – 9.99, 0.1 for 10 – 99.90, 1 for 100 – 1100
Repeatability:	< 0.5% of finding
AQA-Support:	Calibration protocol and interval setting, AQA flag, Cal flag
Data storage:	2500 data records with calibration protocol, AQA identification
PC Software:	GLP-compliant data management with LIMS connection
Sample Identification:	Alphanumeric (...999)
Interface:	RS 232, USB, printer via PC or RS232
Power supply:	Wide range power supply
Certificate:	CE

Turb® 750 IR

The Turb® 750 IR fulfills the guidelines for drinking water analysis according to DIN EN ISO 7027-1.

Technical data:

Model:	Turb 750 IR LED 0-1100 (ISO)
Light source:	LED 830-890 nm fulfills DIN EN ISO 7027-1
Units:	FNU/NTU
Accuracy:	0.01 NTU/FNU or ± 2% of finding

Article	Order No.
Turb® 750 IR	10 81 20120

Turb® 750 T

The Turb® 750 T fulfills the guidelines for drinking water analysis according to US EPA 180.1.

Technical data:

Model:	Turb 750 T (EPA)
Light source:	Tungsten White Light acc. US EPA 180.1
Units:	NTU
Accuracy:	0.01 NTU or ± 2% of finding

Article	Order No.
① Turb® 750 T	10 81 20130

