

Turbidimeters



TM-1000

Standard

Measuring principle
Measuring range

ISO7027

90° scattered light
0~10 ±2%F.S
0~100 ±2%F.S
0~200 ±2%F.S
0~500 ±2.5%F.S
0~1000 ±3%F.S

Min. indicating value
Fundamental Error
Repeatability
Zero drift
Power supply

0.001 NTU
±2%F.S ±3%F.S
≤1% F.S
≤0.05 NTU
AC 220V/50Hz

- Microcomputer, touch keyboard, backlight LCD, standard parallel RS232 data communication interface.
- Custom-made high strength long service life lamp-house, provided with data storage and inquiry function, can meet GLP requirements.
- Data nonlinear processing and data smoothing function, quick and automatic multi-points calibration, self-diagnostic information prompt, selectable span-automatic or manual switch.
- Set average measuring mode with shortcut to obtain correct data within quickest time, applicable particularly to measure extreme-low turbidity and can be used to measure unstable water sample.
- Precise light route system, reliable positioning structure, effective tone compensation, direct turbidity reading.
- Selectable spectral measurement unit, multiple measuring modes, optional flow sampling device and can realize consecutive measuring, built-in or external printer is optional(specifying when ordering).



TM-2000

Features

- Measurement of light scatter and decay of the insoluble particles suspended in water or transparent liquids.
- Quantitative analysis of particle contents.

Specifications

- Light source: Tungsten halogen lamp 6V, 10W
- Receiving element: Silicon photocell
- Measurement range NTU: 0.00-50.0; 50.1-200; 201-2000 (automatic range switchover)
- Readings display: 4 digits LED display
- Allowable error of indication:
0-200NTU: $\leq \pm 8\%$
201-2000NTU: $\leq \pm 6\%$
- Zero Drift: $\leq \pm 3\%FS$
- Stability of indication: $\leq \pm 1\%FS$
- Repeatability: $\leq 2\%$
- Sample bottle: $\Phi 25 \text{ mm} \times 95 \text{ mm}$
- Sample volume: 20--30 ml
- Weight (Gross): 9kg
- Overall dimensions: 460mm x 430mm x 250mm

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