

Technical data sheet

Standalone Nephelometric Turbidity Meter

PT-T2 measures solution turbidity using 90-degree scattered light and an 860 nm LED. Automatic range selection spans 0-1000 NTU, with resolution changing by range rather than remaining constant across the scale.

Key features

- 90-degree nephelometric measurement
- Automatic range selection and direct NTU readout
- One- to six-point calibration and RS-232 data interface

Technical Information

LED wavelength	860 nm
Measurement ranges	0-10 / 10-100 / 100-1000 NTU
Resolution by range	0.01 / 0.1 / 1 NTU
Indication error	±2% FS
Repeatability	≤0.5%
Calibration points	1-6
Power supply	220 V / 50 Hz

Configuration

Standalone optical instrument with an RS-232 interface. Confirm cuvettes, calibration standards and data-connection accessories in the quotation.

Specified zero drift is $\pm 0.5\%$ of full scale. The optical filtering system reduces stray-light effects; user-defined working curves are described. Confirm reference standards, cuvettes and the intended solution matrix. The operating-temperature limit requires confirmation and is not specified here.

Applications

Turbidity and solution-clarity assessment for compatible pharmaceutical or water samples. Confirm sample suitability and the required calibration procedure.

Selection / Ordering Information

Confirm the exact configuration, sample requirements, accessories and electrical supply in the quotation. Request the required calibration or validation documents separately.

Review the configuration with PRECETTA before ordering.