

Technical data sheet

Computer-Controlled Nephelometric Turbidity Meter

PT-T2C measures solution turbidity by 90-degree light scattering and includes a computer-based data workflow. Its software supports stored results, record queries and four access levels.

Key features

- 860 nm LED optical system
- Computer and data-processing software included
- Audit trail available as an optional configuration

Technical Information

Scattering angle	90°
LED wavelength	860 nm
Turbidity ranges	0-1000 NTU / 400-2000 NTU
Measurement accuracy	±2% FS
Repeatability	≤0.5%
Calibration points	1-6
Operating temperature	10-35 °C
Power supply	220 V / 50 Hz

Standard Configuration

Optical instrument with computer and data-processing software. The documented software provides four password-access levels.

Resolution is 0.01 NTU from 0-10 NTU, 0.1 NTU from 10-100 NTU and 1 NTU from 100-1000 NTU; confirm resolution above 1000 NTU. Specified zero drift is $\pm 0.5\%$ of full scale. The instrument has RS-232 communication. The documented software supports up to 1,000 operators, password-complexity requirements, stored-data queries and user-defined working curves. Audit trail remains an optional configuration; confirm integration and software version.

Optional Accessories

Specify audit trail if required; it is optional. Confirm cuvettes, calibration standards, interface language and integration requirements.

Applications

Turbidity and clarity assessment of compatible pharmaceutical and water samples with electronic data handling.

Selection / Ordering Information

Confirm sample compatibility, configuration, electrical supply and required documentation in the quotation.

Review the configuration with PRECETTA before ordering.