

Technical data sheet

12-Position Transdermal Diffusion Tester

PT-TD12 supports parallel diffusion experiments with twelve test positions, controlled stirring and a circulating water bath. The touchscreen displays temperature, speed and timing; stored experiment records can be exported by USB.

Key features

- Twelve positions with 15 mL vertical receptor cells as standard
- Adjustable stirring and user temperature calibration
- One to six sampling time settings; automatic sample collection is not specified

Technical Information

Test positions	12
Standard receptor volume	15 mL
Bath temperature range	Ambient-40 °C
Temperature control accuracy	±0.3 °C
Stirring speed	100-1000 rpm
Speed accuracy	±5%
Timer range	0-9 h 59 min
Sampling time settings	1-6

Standard Configuration

Twelve-position instrument with 15 mL vertical receptor cells, circulating bath, stirring control and USB export. Confirm membrane holders and the full supply list in the quotation.

The documented continuous operating duration exceeds 24 hours. Temperature calibration can be performed during operation. Experimental records are stored internally and exported to a USB drive. Confirm the sampling procedure, membrane area and cell geometry for the selected receptor configuration.

Optional Accessories

Alternative receptor configurations: 10 mL vertical or 5 mL horizontal, selected instead of the standard 15 mL vertical cells. An external cooler is optional; the documented cooled range is 4-10 °C. Confirm mechanical compatibility.

Applications

Comparative diffusion studies using a membrane, receptor medium and sampling procedure selected for the formulation under investigation.

Selection / Ordering Information

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

Review the configuration with PRECETTA before ordering.