

Technical data sheet

12-Vessel Dissolution Tester with Dual Speed Zones

PT-D12 provides twelve vessel positions in two independently controlled groups of six. It supports parallel dissolution runs with separate speed settings and real-time monitoring of medium temperature.

Key features

- Two speed zones: 6 + 6 positions
- 25-250 rpm standard range; 0.01 rpm resolution
- Three access levels, seven users and stored audit records

Technical Information

Vessel / shaft positions	12 / 12
Speed range	25-250 rpm
Speed resolution	0.01 rpm
Speed accuracy	$\leq 0.5\%$
Bath temperature range	Ambient to 45 °C
Temperature resolution	0.01 °C
Temperature control accuracy	0.2 °C
Paddle wobble	≤ 0.3 mm
Basket wobble	≤ 0.5 mm
Shaft-to-vessel axis deviation	≤ 0.5 mm
Power supply	220 V / 50 Hz

Standard Configuration

The base instrument has 12 vessel positions. Confirm vessel volumes, shafts, baskets, covers and the complete supply list against the quotation; supported methods do not mean every accessory is included.

Optional Accessories

Optional upgrades include speed up to 300 rpm, bath temperature up to 55 °C and an isothermal replenishment vessel. These require separate specification and purchase; they are not the standard configuration.

Applications

Laboratory dissolution testing of pharmaceutical dosage forms. Select the paddle, basket or other supported method with its required vessel and accessory configuration. Confirm the applicable method and edition.

Selection / Ordering Information

Provide test method, vessel volume, dosage form, quantity, destination and required documentation. Confirm power supply, plug type and any country-specific configuration before ordering. Audit-trail functions alone do not establish regulatory compliance.

Related instruments

PRECETTA PT-D12S

Review the configuration with PRECETTA before ordering.