

Technical data sheet

12-Vessel Dissolution Tester with Electric Lift Head

The PT-D12S is a 12-position dissolution tester with six vessels in front and six behind. Its electrically lifted, tilting head provides access for changing paddle or basket shafts.

Key features

- 12 positions for paddle or basket operation
- 20-200 rpm speed setting; water bath from ambient temperature to 45 °C
- Up to 9 programmed sampling intervals with countdown timing
- Stored operating settings, fault alarms and overheat protection

Technical Information

Vessel positions	12
Supported vessel height	185 mm
Speed range	20-200 rpm
Speed resolution	1 rpm
Bath temperature range	Ambient to 45 °C
Temperature resolution	0.1 °C
Temperature control accuracy	$\leq \pm 0.3$ °C
Paddle wobble	≤ 0.3 mm
Basket wobble	≤ 0.8 mm
Shaft-to-vessel axis deviation	≤ 1 mm
Sampling intervals	9
Interval duration	1-999 min
Timer error	± 0.5 min
Heater power	1100 W

Configuration and ordering

Standard Configuration

12 paddles and 12 dissolution vessels. The published specification describes vessels 185 mm high; confirm usable vessel volume and the complete supply list in the quotation.

Optional Accessories

For a basket-method setup, identify the required baskets and shafts in your inquiry. Availability and inclusion require written confirmation. An automatic sampling system is not established by the published specification.

Applications

For laboratory dissolution testing of pharmaceutical dosage forms using the selected paddle or basket method. Method suitability, vessel volume and acceptance criteria must be checked against the applicable procedure.

Selection / Ordering Information

Specify test method and edition, vessel volume, required accessories, quantity, destination, voltage, frequency and plug type. Confirm calibration or qualification documentation separately. The 300 stored Chinese Pharmacopoeia parameter sets are not evidence of compliance with every method or current edition.

Programmed sampling intervals provide timing; they do not establish automated sample collection.

Review the configuration with PRECETTA before ordering.

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