

Technical data sheet

8-Vessel Dissolution Tester with Automated Dosing

PT-D8 combines eight vessel positions with independent dosing channels and temperature monitoring in each vessel. A single speed-control zone supports routine dissolution testing with synchronized or sequential dose introduction.

Key features

- Eight independently actuated dosing channels
- Temperature monitoring across all eight vessels
- White and red lighting with three brightness levels
- Three access levels, seven users and audit records

Technical Information

Vessel / shaft positions	8
Speed range	25-250 rpm
Speed resolution	0.1 rpm
Speed accuracy	±4%
Bath temperature range	Ambient to 45 °C
Temperature resolution	0.01 °C
Temperature control accuracy	±0.3 °C at 37 °C

Detailed operating information

Stirring control	One independently controlled speed zone
Rotation directions	Clockwise and counterclockwise
Speed detection	Single channel
Shaft wobble	≤1 mm
Vessel temperature monitoring	All 8 vessels
Dosing actuation	8 independent, motor-driven channels with downward-opening flaps
Dose introduction	Synchronized or sequential; repeated dosing of granules supported
Pause during sequential dosing	Optional function; confirm inclusion
Lighting	White and red light, three PWM brightness levels
Access management	3 levels, 7 users; username and password login
Audit-record capacity	Listed as 128 records × 366 days; confirm retention and export behavior
Online printing	Supported; printer and interface configuration to be confirmed

Supported configurations include basket, paddle, small-volume vessel, disc and rotating-cylinder arrangements. Required vessels and method-specific accessories must be selected and confirmed separately.

Standard Configuration

The base instrument has 8 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

Specify method-specific baskets, shafts and other accessories in your inquiry. Availability and inclusion must be confirmed. Automatic sample collection is not established by the base instrument specification.

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.