

Technical data sheet

Three-Basket Touchscreen Disintegration Tester

PT-DT3 supports 3 basket stations for timed tablet and capsule disintegration tests. Controlled bath temperature and a defined reciprocating stroke support repeatable test conditions.

Key features

- Three basket stations with independent illumination
- Quick-release basket fittings and circulating bath
- Three access levels, seven users and audit records

Technical Information

Basket stations	3
Basket movement frequency	30-32 cycles/min
Stroke	55 ± 1 mm
Bath operating temperature	Ambient to 45 °C
Temperature resolution	0.01 °C
Temperature control accuracy	±0.5 °C at 37 °C
Timer range	0-99 h 59 min
Standard mesh aperture	2 mm

Standard Configuration

Instrument with 3 basket stations and 2 mm mesh as the stated standard. Confirm beakers, discs and the full accessory list against the selected method and quotation.

A color touchscreen, integrated polycarbonate bath, brushless DC circulation pump and Pt1000 temperature sensor are described. The PTC heater has a temperature-protection switch. Each of the three stations has illumination, and quick-release fittings assist basket removal.

User management provides three levels and seven users, with username/password login. The stated audit-record capacity is 128 records × 366 days; confirm retention and export behavior for the supplied software. Online printing is optional. Audit functions do not establish regulatory certification.

Optional Accessories

Optional mesh apertures: 1 / 0.71 / 0.42 mm. Confirm the screen required by the method. Printing is optional.

Applications

Laboratory disintegration testing of tablets and capsules. Match the basket, screen, medium, temperature and endpoint procedure to the applicable method.

Selection / Ordering Information

Specify basket count, dosage form, mesh aperture, test duration and documentation requirements. Confirm power supply and required accessories. Temperature setpoints below ambient do not establish active cooling capability.

Review the configuration with PRECETTA before ordering.