



TORONTECH



DISSOLUTION TESTER 8 STATION -TORONDT™ B 8 (BASIC)

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Dissolution Tester 8 Station -ToronDT™ B 8 (Basic) is a reliable dissolution test apparatus designed to measure how solid pharmaceutical dosage forms dissolve under controlled conditions. Built for routine pharmaceutical Quality control, this dissolution tester delivers stable temperature control, precise stirring, secure data handling, and compliance with USP, IP, and Ph. Eur. requirements for dissolution testing equipment.



APPLICATIONS

Dissolution Tester 8 Station -ToronDT™ B 8 (Basic) Applications

- Pharmaceutical Quality Control Laboratories – Performs routine dissolution tests to verify batch consistency and product release requirements.
- Pharmaceutical Manufacturing – Supports in-process and finished product testing for sustained, controlled, and immediate-release formulations.
- Regulatory Compliance Testing – Generates traceable electronic records for audits and method validation.
- Formulation Development – Evaluates dissolution behavior during early product development and stability studies.
- Contract Testing & Research Facilities – Provides standardized dissolution testing equipment for multi-product environments.

FEATURES

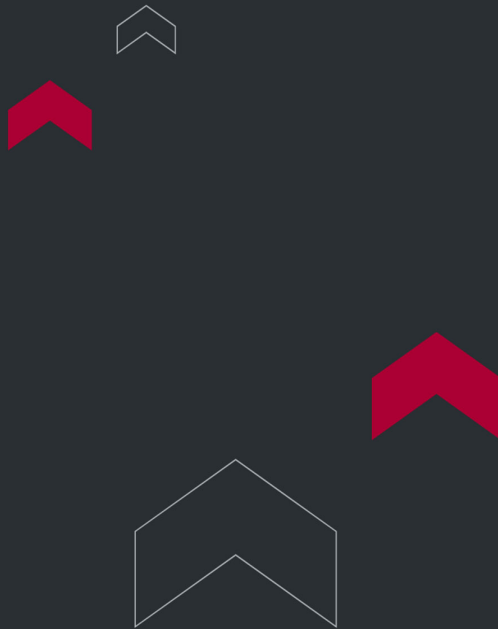
Dissolution Tester 8 Station -ToronDT™ B 8 (Basic) Key Features

- Eight-station dissolution tester with precise vessel centering and automatic stirrer height positioning for USP Apparatus 1, 2, 5, and 6.
- Integrated integROS™ data integrity operating system with multi-level security, electronic logbook, and audit trail.
- 7-inch TFT touch screen interface with intuitive workflow and real-time visual status indicators.
- Timeation™ function supporting sustained and infinity test runs for controlled-release formulations.
- Programmable sampling intervals, sample volumes (1–20 mL), and test parameters.
- Vibration-free motorized lift mechanism with smooth vertical movement for consistent dissolution conditions.
- LAN connectivity, FTP data backup, PDF report export, and central printing capability.
- Biometric fingerprint authentication and role-based user access for secure operation.

TECHNICAL SPECIFICATIONS

Dissolution Tester 8 Station -ToronDT™ B 8 (Basic) Technical Specification

Model	ToronDT™ - B 8
Number of Stations	8
Dissolution Methods	USP Apparatus 1 (Basket), 2 (Paddle), 5, 6
Display	7" TFT Touch Screen
Stirrer Height Adjustment	Automatic, USP-compliant
Water Bath	Molded clear water bath with bottom drainage
Temperature Control	Isolated temperature controller with circulating pump
Temperature Tolerance	Programmable
RPM Range	Programmable with tolerance control
Sampling Intervals	Up to 24 programmable intervals
Sample Volume Range	1 mL to 20 mL
Data Storage	Up to 50,000 test reports
Security	Multi-level user roles, fingerprint authentication
Compliance	USP, IP, Ph. Eur.
Connectivity	LAN, FTP, Static/DHCP IP
Reporting	PDF reports, electronic logbook, audit trail
Power Failure Recovery	Auto-resume function



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