



DISSOLUTION TESTER - TRUST E-08 WITH SAMPLE COLLECTOR (DX)

The Dissolution Tester Trust E-08 with Sample Collector (Dx) is an advanced 8-station dissolution testing system designed for regulated pharmaceutical quality control and R&D laboratories. It delivers precise, repeatable dissolution testing while supporting high data integrity, automated sampling, and global pharmacopeial compliance.

Engineered to meet USP, IP, Ph. Eur., and JP requirements, the Trust E-08 integrates intelligent automation, secure user management, and flexible reporting to streamline daily dissolution testing and validation workflows.

APPLICATIONS

The Dissolution Tester – Trust E-08 with Sample Collector (Dx) is designed for a wide range of pharmaceutical dissolution testing applications, supporting both routine quality control and advanced formulation studies.

- Routine dissolution testing of tablets, capsules, and oral solid dosage forms in QC laboratories
- Sustained and controlled-release product testing using TimeAction™ media changeover functionality
- Method development and validation for new drug formulations and generics
- Stability studies requiring long-duration and repeatable dissolution test runs
- Regulatory compliance testing aligned with USP, IP, Ph. Eur., and JP monographs
- Research and development (R&D) in pharmaceutical and academic laboratories
- Comparative dissolution profiling for bioequivalence and formulation optimization

FEATURES

Key Features:

- 8-station dissolution test apparatus with automatic stirrer height positioning for USP 1, 2, 5, and 6 methods
- TimeAction™ function supports media changeover and continuous or extended-release dissolution studies
- Programmable aliquot volumes (1–20 mL) for variable dilution at each sampling interval
- Integrated sample collector (Dx) with optional 8-syringe configuration
- Vibration-free BLDC stirrer drive with smooth motorized lift for stable, accurate results
- Molded transparent water bath with bottom drainage for fast cleaning and maintenance
- Isolated temperature controller and circulation pump with wake-up and sleep modes
- Auto dispenser and intensive rinse modes, including purge and loopback rinsing

Data Integrity, Security & Compliance

- Multilevel security with password control for up to 250 users and programmable roles
- Fingerprint authentication, audit trail, and electronic signatures (E-signature)
- LAN connectivity for centralized data access and printing

- Programmable report templates with real-time validation, monographs, and error logs
- Storage for up to 10,000 test reports and 1,000 programmable product methods
- Power-failure detection with auto-recovery to protect test continuity

Designed for Validation-Ready Operation

- Laser-marked paddles, baskets, vessels, and accessories for full traceability
- Precise individual vessel centering and adjustable instrument leveling
- Easy Snap-Fit™ shaft locking for secure, wobble-free operation
- Designed to reduce routine validation effort and downtime

TECHNICAL SPECIFICATIONS

No. Of Stations	08
Speed Range	20 to 300 RPM
Speed Accuracy	± 0.5 RPM
Temperature Range	20° C to 40°C (extended range 10 to 40 and 20 to 55 optional)

Temperature Accuracy (At 37° C)	± 0.1°C
Display	7" TFT touch screen display
Test report storage	10000
Sample Interval	1min to 999hrs, 59 min
No. of syringes	Standard : 6, Optional : 8
Interface Port	Ethernet, RS 232, RS 485
Stirrer Drive	High performance BLDC (maintenance free)
Vessel Capacity	22 L
Temperature controller	Heater : 1 kW, SS 316 with thermal protection
Electrical Power	220/230 VAC, 50/60 Hz, 1.3 kW/6 Amp
	110 VAC, 50/60 Hz, 1.3 kW/10 Amp
Dimensions (L x W x H) :	
Basic	67 x 51 x 71 cm
Offline Automation System	101 x 51 x 71 cm
Weight :	
Basic	84 kg
Offline Automation System	141 kg
Power Supply	(110V is also available. Please specify when ordering)



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 🇨🇦

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 🇺🇸

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 🇦🇪

Phone: +971 488 19252
Email: me@torontech.com

