



DISSOLUTION TESTER - 8 STATION INSPIRE-08

The Inspire-08 Dissolution Tester is a reliable 8-station dissolution testing system designed for routine pharmaceutical quality control and method development. It provides accurate control of speed, temperature, and sampling parameters while supporting global pharmacopeial compliance in regulated laboratory environments.

Engineered to meet USP, IP, Ph. Eur., and JP requirements, the Inspire-08 combines mechanical stability, intuitive operation, and validation-friendly design to deliver consistent dissolution testing results.

APPLICATIONS

The Inspire-08 Dissolution Tester is well suited for pharmaceutical laboratories performing routine and developmental dissolution testing.

- Quality control testing of tablets and capsules
- Method development and verification
- Sustained and controlled-release product evaluation
- Stability and comparative dissolution studies
- Pharmaceutical R&D and academic laboratories

FEATURES

Key Features

- 8-station dissolution tester suitable for USP Apparatus 1, 2, 5, and 6 methods
- TimeAction™ function enables media changeover and extended or continuous test runs for sustained and controlled-release products

- Automatic stirrer height positioning for consistent method setup
- Easy Snap-Fit shaft locking mechanism ensures secure engagement and wobble-free operation
- Vibration-free motorized lift system for smooth and repeatable testing
- Clear acrylic water bath with metal top plate for durability and visibility
- Isolated magnetic-coupled circulation pump for precise and stable temperature control
- Individual vessel centering system with adjustable instrument leveling
- Three-level password security with alphanumeric product and user data entry
- Audio-visual status indicators and power failure detection for operational reliability

Validation, Control & Data Handling

- 20 programmable test protocols
- Up to 16 programmable sampling intervals from 1 minute to 23 hours 59 minutes
- Programmable sample volume from 1 mL to 25 mL
- Online validation reports for tests, monographs, and error logs
- Programmable wake-up feature for automated temperature readiness
- Serial printer interface supporting 80-column dot matrix printers

The system is designed to minimize routine validation effort while maintaining traceable and reproducible test conditions.

TECHNICAL SPECIFICATIONS

Model	Inspire-08
Accuracy	+/-1% RPM
Temperature range	20° C to 40° C
Temperature Accuracy	±0.1°C
Display	40 x 4 character backlighted LCD

No. of protocols	20 maximum
Sample interval	Maximum 16 of 1 min to 23 hrs, 59 min
Printer interface	Serial port
Printer supported	80 column Dot Matrix printer
Bath	Clear acrylic molded water bath
Bath size (L x W x H)	705 x 374 x 200 mm
Heater	1 kW/230 VAC, material S.S. 304 with sensor
Pump supply	230 VAC,50 Hz
Pump type	Magnetic coupling
Pump flow rate	10 liters/minutes maximum
Power supply	220 /230 VAC , 50 / 60 Hz, 1.3kW/6Amp (110V is also available. Please specify when ordering)
Dimension(L x W x H)	705 x 505 x 645 mm



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

