TORONTECH



AUTOMATIC DISINTEGRATION TESTER – TORONDT™ AUTO

Automatic Disintegration Tester – ToronDT™ Auto is a fully automated disintegration tester designed to meet the latest standards outlined in USP chapters <701> and <2040>, as well as Ph. Eur. <2.9.1>. It is 21 CFR Part 11 compliant and features an intuitive standalone interface.

With automated disintegration time recording, media type detection, fill level sensing, and auto test initiation, it enables seamless, hands-free operation. The bathless heating technology minimizes wait times and enhances efficiency. Multiple configuration options provide the flexibility to test several batches simultaneously, optimizing workflow.

APPLICATIONS

Accessories

Automatic Disintegration Tester – ToronDT™ Auto

(ToronDT™ Holder for Basket 40 Mesh 24.5 mm (Set of 6) – 0104A00206

Automatic Disintegration Tester – ToronDT™ Auto

100 ml Vessels (6 rows X 7 vessel each)

Automatic Disintegration Tester – ToronDT™ Auto

1000 ml vessels – 1101A00003

Automatic Disintegration Tester â€“ ToronDT-Auto

Guided disc for capsules and tablets (Set of 6) Part no -0219000089

Automatic Disintegration Tester â€“ ToronDT-Auto

Six tube basket assembly Part no-0219000028

Automatic Disintegration Tester – ToronDT™ Auto

Glass beaker (1000 mL) Part no -0215000016

integrOS™			
	Lite	Standard	Pro
Security	✔	✔	✔
Electronic Instrument Log Book		✔	✔
Data Transfer	Print	Print + Electronic (XML)	Print + Electronic (XML)

integrOS™			
Instrument ⇄ kloudbase™ LIMS / FPT			
User Details			✔
Method Informaon			✔
Instrument ⇄ kloudbase™ LIMS / FPT		✔	
Reports			✔
Audit Trail			✔

Ordering Information

Products		
Product Code	**Description**	**Quantity**
0241900	ToronDT™ Auto	1

Standard Accessories		
Partcode	**Description**	**Quantity**
0217A00004	Six tube basket assembly	1

0217A00010	Guided disc for auto detect	1
0217A00016	Glass beaker (1000 mL)	1
0217A00018	IntegrOS Lite	1

FEATURES

1. Direct medium heating eliminates the need for water bath maintenance, cleaning, and frequent changeovers.
2. Infrared sensor-based temperature monitoring ensures precise control.
3. Firmware-based temperature calibration for reliable accuracy.
4. Automatic test initiation upon reaching the set temperature.
5. Real-time tablet disintegration detection for accurate results.
6. Audio-visual alerts for key test events.
7. Compact design for efficient space utilization.
8. Inert material baskets for optimal performance.
9. Wireless baskets for enhanced convenience.
10. Interactive touch screen for seamless operation.
11. Expanded protocol storage, increased user capacity, and multiple access levels.
12. Optional biometric login for secure authentication.
13. Electronic logbook and audit trail (optional) for compliance tracking.
14. Built-in thermal printer (optional) for immediate result printing.
15. Database backup and restore function, along with detailed test statistics.

Bathless Heating

Features	Benefits
Powersaving heaters to heat the medium	Saves electricity (56%), time and water (41%)
Quick heating	Saves time, increases productivity
Direct heating of the medium avoids water bath maintenance- cleaning and frequent changeovers	Increases compliance, eases setup
Infrared sensor based temperature monitoring	Provides accuracy
Firmware based temperature calibration	Provides ruggedness

Walkaway Automation

Features	Benefits
Automatic detection of medium type and medium fill level	Reduces wait times, increases convenience, increases throughput
Automatic test start upon reaching set temperature	Reduces wait times, increases convenience
Automatic detection of tablet disintegration time	Facilitates compliance, reduces human error
Automatic generation of audio-visual signals	Indicates instrument status

Robust Design

Features	Benefits
Compact footprint	Saves bench space
Baskets of inert material	Eases setup, avoids corrosion and contamination

Features	Benefits
Wire-free baskets	Provides swivel-free attachment, aids quick changeovers
Colour coded discs	Aids identification
No extraneous metal disc in beaker	Avoids bubbles and erosion

User friendly Interface

Features	Benefits
Interactive touch screen	Aids functioning, increases convenience
Increased protocol storage space, number of users and access levels	Increases compliance, eases setup
Biometric login	Increases compliance
Electronic logbook and audit trail	Provides complete 21 CFR Part 11 compliance, eases regulatory burden

TECHNICAL SPECIFICATIONS

Available Configurations

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto and 1 child module

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto and 2 child modules

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto and 3 child modules

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto and Prep module

Automatic Disintegration Tester â€“ ToronDT-Auto

ToronDT™ Auto with Prep and 3 child modules

Model	ToronDT™ Auto
Basket	1L

Basket	6 tube
Disc	Color coded discs
Display	7"
Printer interface	LAN / RS 232 / USB
Heater	100W
Illumination	Green LED /D'light
Voltage	230V (110V is also available)
Strokes / min	30 ± 1 strokes / min
Stroke length	55 ± 1mm
Readable temperature range	20 to 45°C
Temperature Accuracy	± 1°C
Protocol Storage	1000
Test Report Storage	10000
Security	Multilevel with password for 250 users with 10 user programmable role
Biometric finger print	Optional
Thermal printer	Optional
Dimensions (LxWxH)	220 x 297 x 565 mm
Weight	7.5 kg

Warranty and Training

- 1 year warranty on limited parts. Conditions apply
- Training during installation provided

- IQ, OQ support is available

TORONTECH.com

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