

DISINTEGRATION TESTER WITH INDEPENDENT TIMER - TORONDT™ 6AL



ToronDT™ 6AL Disintegration Tester features six USP baskets with independent timers and motors, ensuring precise testing. It offers smooth, swivel-free basket movement, a programmable temperature controller, and a magnetically coupled pump for consistent water circulation. Designed for reliability, it includes automatic basket parking, a splash-resistant panel, and green illumination for clear visibility.

Accessories

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

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

100 ml Vessels (6 rows X 7 vessel each)

100 ml Vessels (6 rows X 7 vessel each)

1000 ml vessels – 1101A00003

1000 ml vessels – 1101A00003

APPLICATIONS

- **Pharmaceutical Quality Control** – Evaluates disintegration of tablets and capsules in compliance with USP and Ph. Eur. standards.
- **Batch Release Testing** – Tests multiple samples simultaneously with six baskets for higher efficiency.
- **Research and Development** – Enables formulation optimization with independent timing for different test groups.
- **Regulatory Compliance** – Provides precise validation data with programmable temperature control and external probes.
- **High-Volume Production** – Ideal for large-scale testing environments requiring multiple simultaneous disintegration analyses.
- **Training and Academic Use** – Demonstrates standard disintegration testing methods in educational and training laboratories.

FEATURES

- Supports six USP baskets
- Two basket pairs operate independently with separate timers and motors
- Snap-click loading with smooth, swivel-free basket movement
- Programmable temperature control
- Magnetically coupled pump ensures consistent water circulation
- Automatic basket parking at the top position

- Ergonomically designed, splash-resistant control panel
- External probe for precise beaker temperature monitoring
- Dual-range timer (min/sec & hrs/min)
- Smooth, maintenance-free operation
- Sleek yet durable design
- Gearless drive for enhanced performance
- Green illumination for clear visibility of the disintegration process

TECHNICAL SPECIFICATIONS

Model	ToronDT™ 6AL
Number of baskets	6
Number of strokes	30+ 1 strokes/minute
Stroke length	55 mm + 2 mm
Number of tubes per basket	6
No. of motors	3
Range	20°C to 39.9°C
Resolution	0.1°C
Timer Display	4 digit LED each
Heater	750 Watts
Sensor	RTD
No. of timers	3
Range 1	1 sec. to 59 mins. 59 secs.

Range 2	1 min. to 9 hrs. 59 mins.
Power consumption	1 K VA
Dimensions (LxWxH)	924 mm x 360 mm x 518 mm
Weight	32 kgs
Electrical Power	220/230 VAC, 50/60 Hz, 600 W/2.6 Amp 110 VAC, 50/60 Hz, 600 W/5.5 Amp

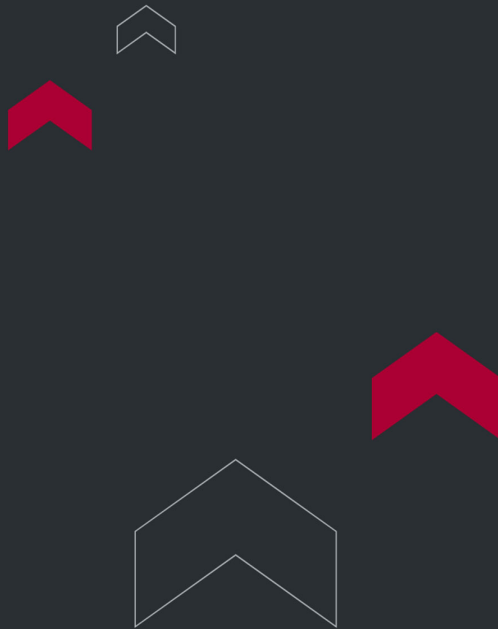
Ordering Information

Product Code	Description	Quantity
0240800	ToronDT™ 6AL (Body made of S.S.) -230V	1
0220800	ToronDT™ 6AL (Body made of M.S.) -230V	1
0230800	ToronDT™ 6AL (Body made of S.S.) -110V	1
0210800	ToronDT™ 6AL (Body made of M.S.) -110V	1

Optional accessories

Part number	Description	Quantity
0204800018	Water bath with heater, sensor, cable & connector	1
0201A00013	ToronDT™ Glass beaker	6
0202A00021	ToronDT™ L Six tube basket assembly with guided disc	6
0201A00004	ToronDT™ Guided disc for six tube basket assembly	36

0202A00014	ToronDT™ L external probe	1
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