

# TABLET DISINTEGRATION TESTER



Model 1: DT 1000+ (Dual Motor System)

Model 2: DT 1000 (Single Motor System)

Disintegration test is intended to demonstrate the effective break-up (complete powder formation) of the solid formulation. LABINDIA has introduced a novel Tablet Disintegration Tester for testing the disintegration time of tablets, capsules and other solid dosage forms.

## Salient Features

- Meets current specification of USP, IP, BP and other Pharmacopoeias
- In DT1000+, Dual timer (baskets will have individual timer) and dual drive (each basket is driven by individual drive)
- In DT1000, Single timer for both baskets with single drive
- Specifically designed for use in the quality and production control of normal plain coated tablets & gelatin capsules
- Programmable Temperature & Time
- Molded clear acrylic water bath with illumination for better visibility
- Auto Park out facility
- Capability for dual buffer disintegration test
- Audible, low water level alarm with indication on display for safety
- External temperature sensors available for individual beaker
- Provision to identify the position of disintegrated tablet with laser marked numbers on basket assembly
- Provision to lock individual tablet disintegration time by using external key board with basket numbers

## Accessories:

- Bolus Basket with 3 tubes
- Fluted Discs (For Above)

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## SPECIFICATIONS

Sr. No.	Parameters	Specifications
1	Dip Speed	30, $\pm 1$ DPM
2	Stroke length	5.5, $\pm 0.1$ cm
3	Water bath temperature range	Ambient +5 to 50°C
4	Water bath temperature accuracy	$\pm 0.2^\circ\text{C}$
5	Water bath circulation	Immersion Pump
6	Beaker volume	1000 ml
7	Basket	2X6 test positions (10mesh) USP type A
8	Fluted Disk	6 numbers in each basket USP type A
9	Test Mode	Programmable Time up to 99:59 (hh:mm) Display Format 99:59:59
10	Display	20 X 2 Line back lighted LCD display
11	Keyboard	Alphanumeric splash water proof polyester soft keys
12	Output Printer RS-232C	Parallel Port PC Connectivity for data downloading
13	Power Requirement	230Vac / 50 Hz, 275 W
14	Environmental Operating conditions	a) Operation Indoor b) Temperature Ambient to 45°C c) Humidity 20% to 80%
15	Dimension (Approx.)	33 X 33 X 58 cm (W X D X H)
16	Shipping Weight (Approx.)	37 kg App.

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Striving to become the best individuals, we endeavour to foster the best team. Performing sensibly, we try to achieve the best efficiency. Working innovatively, we seek to make the best products. Listening patiently, we excel to offer the best service. So, no matter what your needs are, come to us. **GET THE BEST**

LABINDIA reserves the right to change specifications without notice as part of its continuous programme of product development.