

TABLET DISINTEGRATION TESTER

Model: DT 1000+ (Dual Motor System)



Disintegration test is intended to demonstrate the effective break-up 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
- Dual timer (baskets will have individual timer) and dual drive (each basket is driven by individual drive)
- Specifically designed for use in the quality and production control of normal plain coated tablets and 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 indicate individual tablet / capsule disintegration time with laser marked numbers on basket assembly as well as on external keyboard for disintegration time registration

Accessories:

- Bolus Basket with 3 tubes
- Bolus Basket with 1 tubes
- Fluted Discs (For Above)

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SPECIFICATIONS

Sr. No.	Parameters	Specifications
1	Dip Speed	30, ± 1 DPM
2	Stroke length	5.5, ± 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.)	330 X 330 X 580 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 you needs are, come to us, GET THE BEST

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