

DISINTEGRATION TESTER

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DT2000D



Disintegration test is intended to demonstrate the 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.

FEATURES



7" TOUCH SCREEN

7 inch high quality Capacitive Color Touch Screen Display



IN-BUILT COMPUTER

100 Test Methods with date and time



BASIC CFR COMPLIANT

4 Level Password is incorporated - Admin, Lab Manager, Supervisor, and User



HARDWARE VALIDATION

Validation of hardware with real time status information

SALIENT FEATURES

- 7" Colour High resolution display with touch screen interface & user interactive software.
- Designed to meet specification of USP, IP, BP and other Pharmacopoeias.
- DT2000D features a dual timer (baskets will have individual timer) and a dual drive (each Basket is driven by individual drive)
- Specifically designed for use in the production and quality control of normal, plain, coated tablets & gelatine capsules
- Provision to identify the position of disintegrated tablet with laser marked numbers on basket assembly.
- Two different types of samples can be analysed simultaneously.
- Capability of dual buffer disintegration test.
- Practically Unlimited test reports with date and time stamp.
- External temperature sensors available for individual beaker.
- Disintegration time for individual tablets can be recorded.
- Programmable Temperature & Time settings.
- Park out facility for basket after run completion.
- Moulded, clear acrylic water bath with illumination for better visibility.
- Audible and visible indication of low water level for safety.



SPECIFICATIONS

Drive	Dual Drive for 2 baskets with individual timer
Dip Speed	30, ± 1 DPM
Stroke length	55, ± 2 mm
Waterbath temperature range	Ambient +5 to 55°C
Waterbath temperature accuracy	$\pm 0.2^\circ\text{C}$
Waterbath circulation	Immersion Pump
Beaker volume	1000 ml
Basket	2X6 test positions(10 mesh) USP type A/ (Optional 40 mesh) 2X3test positions (10 mesh) USP type B/ Bolus 3 Basket 2X1test positions (10 mesh) USP type B/ Bolus 1 Basket
Fluted Disk	6 numbers in each basket for USP type A
TestMode	Programmable Time up to 99:59 (HH:MM)Display Format 99:59:59
Display	7" Capacitive touch screen colour display
User management	1 admin ,50 users with multiple rights selection
Number of Methods	100 test methods
Report storage	Built-in SD Card
Printer connectivity	Centronics Parallel Port for Dot matrix/ desk jet printer
Serial Interface	RS232C-2 for PC Connectivity for data download
Power Requirement	230VAC / 50 Hz, 325 W
Environmental Operating conditions	a) Operation Indoor b) Temperature Ambient to 45°C c) Humidity 20% to 80% d) Altitude up to 2000m
Dimension (Approx.)	330 X 345 X 580 mm (W X D X H)
Shipping Weight (Approx.)	22 kg.