

DT2000S



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

DISINTEGRATION TESTER

SALIENT FEATURES

- 7" Colour High resolution display with touch screen interface & user interactive software.
- Meets current specification of USP, IP, BP and other Pharmacopoeias
- Specifically designed for use in the quality and production control of normal plain coated tablets & gelatin capsules
- Programmable Temperature & Time
- 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 (Optional)
- Molded clear acrylic water bath with illumination for better visibility
- Auto Park out facility for basket after run completion
- Capability for dual buffer disintegration test
- Audible, low water level alarm with indication on display for safety
- External temperature sensors available for individual beaker
- PC Based Data downloading facility using EDC 21 software
- Customizable Report File
- Preview Result data before printing
- Auto Resume facility to continue the run in case power failure
- Data backup to SD card & restore facility available
- User can easily adjust brightness of screen



SPECIFICATIONS

Drive	Single Drive for 2 baskets with individual timer	
Dip Speed	30, ±1 DPM	
Stroke length	55, ± 2mm	
Waterbath temperature range	Ambient +5 to 55°C	
Waterbath temperature accuracy	± 0.2°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.	