

Tab Disintegrator DT-201

DISINTEGRATION TEST APPARATUS



PHARMAG INSTRUMENTS Disintegration Test Apparatus is a solid state instrument designed for the accurate estimation of disintegration time of tablets as per IP/USP standards. The instrument is designed to test two batches of six tablets, simultaneously. The instrument is useful for pharmaceutical industry. It is quality control labs and R & D to determine compliance with the disintegration requirement of the Tablet and Capsule as per USP/IP standards.

Instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The system has user friendly prompts, which guide you throughout measurement process.

Microprocessor Disintegration Test Apparatus is equipped with 4 line alphanumeric LCD display with backlit for displaying various test parameters and 20 soft touch membrane type keys with full numeric keypad. The Samples being analysed are automatically stored in the memory in different batch and sample numbers.

The unit is provided with two glass beakers having capacity of 1000 ml. with arrangement to hold temperature sensor placed in the sturdy, acrylic water bath. The large spread out stainless steel heater ensures perfectly uniform heating. The instrument has dual channel temperature system with sensors to monitor the test temperature of the water bath and beaker is accurately maintained at $\pm 0.3^{\circ}\text{C}$. The basket is accurately controlled and maintained as USP, IP Specifications.

Features:

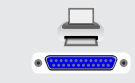
- Compiles with USP, IP specifications
- Extremely useful for pharmaceuticals labs
- Highly Accurate and Easy to Operate
- Baskets 'UP' & 'DOWN' movement as per IP/USP Specifications
- 20 x 4 Line Alphanumeric LCD with Backlit
- Printer Attachment Facility
- Audio Visual Indicators for System Status



Easy CAL



Password Secured



Dot Matrix printer



Accuracy



Certificate No : AB09IS152906



Tab Disintegrator DT-201

DISINTEGRATION TEST APPARATUS

SPECIFICATIONS

Display	20 X 4 Line back lighted LCD display
Keypad	Alpha -Numeric splash water proof polyester soft keys
Dip speed	30, ± 1 DPM
Stroke Length	5.5, ± 0.1 cm
Beaker Volume	1000 ml
Basket	2 X 6 test positions (10 mesh) USP Type A
Fluted Disk	6 numbers in each basket USP type A
Water bath temperature range	Ambient +5 to 50°C
Water bath temperature accuracy	$\pm 0.3^\circ\text{C}$
Water bath circulation	Immersion Pump
Test Mode	programmable Time up to 99:59 (HH:MM) Display Format 99:59:59
Output Printer	Parallel Port
RS-232C	PC Connectivity for data downloading
Environmental Operating conditions	A) Operating Indoor B) Temperature Ambient To 45°C C) Humidity 20% to 80%
Dimension (Approx.)	400 (L) X 350 (B) X 580 (H) mm
Shipping Weight (Approx.)	37 Kg App.
Electrical Power	230V \pm 23V, 50 / 60 Hz or 115V \pm 15V, 50 / 60 Hz

* Specification are subject to change without prior notice

Features:

- Baskets are automatically lifted at the end of the test
- Capability for dual buffer disintegration test.
- Audible, low water level alarms with indication on display for safety
- External Temperature sensors available for individual beaker.
- Using the single keypad, the user can control every function from the length of the test to the water bath temperature.
- The compact low volume bath will reach the desired temperature in minutes providing excellent precision and increased efficiency.



Accessories:

- 2 Basket of 6 tubes each
- Fluted Discs: 12 No's
- Temperature Sensors: 2 No's

Represented By :



Manufacturing - Head Office :

B-60, Asokar Street, A Colony, Jothi Nagar, Pollachi - 642 001, Coimbatore District, Tamil Nadu, India.
Cell No: +91-94420 00654, 9442000658, Email : sales@pharmaginst.com, www.pharmaginst.com

International Sales Office:

Mr. Alex Guillen, ECCS , SA., Via Gordemo 28, 6596 Gordola, Switzerland,
Cell No: + 41 76 3754732, Fax No: + 41 91 7450708
Email : info_europe@pharmaginst.com