

DISINTEGRATION TEST APPARATUS MODEL: VTD-DV



Tablet disintegration tester measures time required to disintegrate for tablets into particles under a given set of conditions. Generally, this test is useful as a quality assurance tool for conventional dosage forms.

FEATURES

- Two Baskets as per IP/BP/USP standards are supplied
- Microcontroller based circuitry to precisely control, indicate & program temperature of water bath & beaker individually.
- PT-100 sensor for sensing the temperature.
- Timer settable from 1 to 240 mins.
- User friendly & easy to operate 4 X 4 matrix key board.
- Pause facility: This feature enables the operator to check the disintegration state of the tablets & continue the test without disturbing test parameters.
- Equipped with single stepper motor.
- Memory to store 25 test methods.
- Informative blue graphic display.

- Self validation of cycles per minute with Online/Offline printing.
- DT-Time of individual tablet monitored and recorded.
- Illuminator for clear view of disintegration process.

SPECIFICATIONS

- Number of Strokes: 30 Strokes/min.
- Temperature range : 2°C. above room temperature to 40.0°C.
- Heater : 750 watt.
- Power consumption 230V, 50Hz, 1.2KW.

DISINTEGRATION TEST APPARATUS

MODEL: VTD-AVP



This instrument is same as Model : VTD-DV with additional features like:

- Automatic parking.
- Both baskets can be parked above beaker before & after the test.
- Two different batch products can be analyzed at a time.
- While one test is in operation the second test can be activated.
- Dual Timer.
- Software and hardware protection of heater.
- Large graphic display. 240 X 64
- Password protection for clock.
- Memory to store 48 test records and 95 tests methods.
- Qwerty key board also incorporated for easy data entry.
- Supports test for Enteric-coated or Delayed Release Tablet.
- Power failure program is incorporated.

DISINTEGRATION TEST APPARATUS MODEL: VTD-4AVP



This instrument is same as Model : VTD-AVP with additional features like:

- Four different batch products can be analysed at a time.
- Larger graphic display. 320 X 240

Accessories for Disintegration Test Apparatus :



Disintegration
Basket

Bolus Basket
with 3 tubes

Bolus Basket with
single tube

All instruments work on 230 volts AC supply. Supplementary components to support other voltages available on request.

DISINTEGRATION TEST APPARATUS MODEL : VTS-P



This disintegration tester determines whether suppositories soften or disintegrate within a prescribed time when placed in an immersion fluid under the experimental conditions.

- Designed for the measurement of disintegration time of pessaries and suppositories.
- LCD display screen to indicate test parameters.
- Automatic rotation through 180 deg and selectable cycle time.
- Built-in circulation pump and sensitive circuit to maintain accurate temperature between 36.0° - 37.0°c.
- Three samples are tested at the same time.
- The instrument meets requirements of pharmacopoeias.

Attachment to test Disintegration Test time of pessaries.



Stand For Suppository



Stand For Suppository



Baskets For Pessaries



Baskets For Suppository
& Pessaries

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