

TABLET DISINTEGRATION TEST APPARATUS,

Model: VTD – DV

MAKE : VEEGO

Technical Details:

- Number of beakers: 2 (1000 ml Glass Beakers).
- Number of baskets: 2 (Each containing 6 glass tubes and 6 guided discs, designed as per USP, IP and BP standards).
- Number of cycles: 30 cycles/min.
- Stroke length: 55 ± 2 mm.
- Power supply: 230V, 50Hz, 1 KW max.
- Timer maximum interval setting: 4 Hours.
- Temperature range: Room Temperature to 45°C.
- Temperature resolution: ± 0.2 °C.
- Dimensions (L x W x H): 390 x 360 x 570 mm
- Weight: 15 Kg.
- Informative 128 x 64, blue graphic LCD display.
- Input: Tactile Keypad + PS-2/PC Keyboard.
- Memory to store 25 tests method parameters like disintegration time, temperature, alarm time and print interval.
- Compatible with DOT MATRIX printer.

TECHNICAL SPECIFICATION: MODEL: VTD-DV

- Microcontroller based circuitry to precisely control, indicate and program temperature of water bath and beaker individually.
- PAUSE' facility: This facility permits chemist to check disintegration state of the tablets intermittently and continue test without disturbing the test parameters.
- Equipped with maintenance free single stepper motor.
- All parameters like- Set Test Time, Actual Test Time, Temperature, Heater's 'ON/OFF' state etc, are indicated on graphic LCD display screen.
- Protection for over temperature for Heater through software and hardware.
- Software as well as hardware protection for over temperature of heater.
- Facility to measure stroke length while test is on.
- Beaker temperature of both baskets displayed individually.
- Test reports print all the detailed test parameters such as Temperature, Batch No, and Product ID etc. with ON-LINE or OFF-LINE printing facility.
- Facility to print company's name on test report.
- Optically isolated electronic heater driver.
- Password protection at different level.
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- Non volatile memory.
- On line / off line print facility.
- Date and product selection in off line printing.
- Power failure indication program is incorporated.
- IQ, OQ documents will be provided with the instrument..
- Validation of cycles / Min. with On/Off line printing facility.

Facility to measure stroke length while test is `ON'.