

TABLET FRIABILITY TESTER



Model: FT 1020

Friability is one of the testing criteria of mechanical strength of the tablet. Labindia manufactures Friability Tester as per pharmacopoeia. The micro-processor controlled friability tester allows the programming of specific time interval or set number of counts / rotations. The display indicates either the elapsed time or the revolution count as per the selected method. The program also allows the weights to be entered for further calculations.

Salient Features

- Meets current specifications of USP, IP and other Pharmacopoeias
- Offers a count and time mode
- Automatic discharge of the of the sample into individual sample tray after completion of each cycle
- 10° tilting of drums as per USP recommendation for odd shaped tablets
- Easy front loading system
- Supports friability drum and abrasion drum
- Calculation of friability - percentage weight-loss
- Balance interface for sample weight transfer

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SPECIFICATIONS

| Sr. No. | Parameters | Specifications |
|---------|------------------------------------|---|
| 1 | Operating Modes | Count or Time, user selectable |
| 2 | Test Mode | Programmable Count 1 to 9999 Or Programmable Time up to 99:59 (hh:mm) Display Format 99:59:59 |
| 3 | Display | 20X2 Line back lighted LCD display |
| 4 | Rotation Speed | 25, \pm 1 RPM – fixed 20-50 RPM, programmable (Optional) |
| 5 | Count mode accuracy | Actual setting \pm 1 rotation |
| 6 | Standard drum types | 2 Drums, Roche type or Abrasion type (optional) |
| 7 | Drum Material | Acrylic – USP |
| 8 | Keyboard | Alphanumeric splash water proof polyester soft keys |
| 9 | Output Printer RS 232C | Parallel Port PC Connectivity for Data Downloading |
| 10 | Power Requirement | 230Vac / 50Hz, 20W |
| 11 | Environmental operating conditions | a) Operation Indoor b) Temperature Ambient to 45°C c) Humidity 20% to 80% |
| 12 | Dimension (Approx.) | 31 X 31 X 49 cm. (W X D X H) |
| 13 | Shipping Weight (Approx) | 10 Kg |

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LABINDIA reserves the right to change specification without notice as part of its continuous programme of product development.