



# FT2020

# FRIABILITY TESTER

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.

## 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

## SALIENT FEATURES

- 7" Colour High resolution display with touch screen interface & user interactive software.
- Designed to meet specifications of USP, IP and other Pharmacopoeias.
- Practically unlimited test reports with Date and time stamp.
- Offers a count and time mode.
- Automatic discharge of the sample into individual sample tray after completion of each run.
- 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 auto weight transfer.
- Auto-start facility to continue the run in the case of power failure.
- Multilevel user management with editable privileges.
- Data downloading facility with PC based EDC 21 software.



## SPECIFICATIONS

<b>Display</b>	7" capacitive touch screen colour display
<b>Rotation Speed</b>	20-70 RPM
<b>Count mode accuracy</b>	Actual setting $\pm$ 1 rotation
<b>Standard drum types</b>	2 Drums, Roche type or Abrasion type (optional)
<b>Drum Material</b>	Acrylic as per USP
<b>User management</b>	1 admin, 50 users with multiple right selection
<b>Number of Methods</b>	100 test method non-volatile memory storage
<b>Report storage</b>	Built-In SD card
<b>Printer Connectivity</b>	Centronics parallel port for Dot matrix / Desk jet / Serial Printer
<b>Serial Interface</b>	a) RS232C-1 Balance connectivity (Sartorius /Mettler) b) RS232C-2PC Connectivity for data download
<b>Power Requirement</b>	110/230 VAC /,50Hz/60Hz, 35W
<b>Environmental operating conditions</b>	a) Operation Indoor b) Temperature Ambient to 45°C c) Humidity 20% to 80% d) Altitude : Upto 2000m.
<b>Dimension (Approx.)</b>	310 X 320 X 490 mm. (W X D X H)
<b>Shipping Weight (Approx.)</b>	12 Kg
<b>Operating Modes</b>	Count or Time, user selectable
<b>Test Mode</b>	1Programmable Count 0 to 9999 Or Programmable Time up to 99:59 (HH:MM) Display Format 99:59:59