

FRIABILITY TESTER

www.labindia-analytical.com

FT2020

LABINDIA
ANALYTICAL
WHERE COMMITMENT IS CULTURE



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

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