

## Tablet Friability Test Apparatus



Tablet Friability Test Apparatus

The apparatus is designed to determine the abrasion rate and impact hardness of tablets. One/Two transparent acrylic drums rotated by superior quality constant speed sturdy motor, mounted in painted sheet metal cabinet with chemical resistant epoxy coating.

**SPECIAL FEATURES:** Realistic abrasion rate is obtained by pre-set revolutions through a pilot lamp as compared to time setting, where voltage fluctuation may change number of revolution in pre-set time.

### **SPECIFICATIONS:**

Drum Diameter :285mm  
Tablet Fall Distance:140mm  
Drive :1/8 HP  
Power Phase.:AC/230 volt Single

**Available in SINGLE AND DOUBLE DRUM MODELS WITH OUTER BODY OF CONSTRUCTION BEING M.S.DULY POWDER COATED BODY OR S.S. 304.**

### **Optional :**

Digital Revolution Counter.  
Spare Drum.



The main image shows a white, compact Friability Testing Instrument with a control panel featuring a keypad and a small display. A red truck icon is shown moving across a road in the background, with a cracked white tablet in the foreground. A circular inset shows a smaller view of the instrument's internal mechanism.

**USP and EP Compliant**  
The **Pharmag Instruments** Friability Testing Instrument comes with USP<1216>and EP<2.9.7> compliant.

**Built in Printer**  
Available with an 40 column built in printer installed. The printer contributes no space to the overall product dimensions.

**Parameter Measurement**  
Used to find the ability of the compressed tablet for avoiding fracture and breaking of the tablet during the transportation.

**Display**  
LCD Display 20 x 4 indicating of set RPM or Count depending upon selection of mode of operation.

**Power OFF Resume and Auto Unloading**  
These features simplify the work for more convenient.

**Compatibility**  
Compact and light weight design is well suited for portability and using a production setting.

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## SPECIFICATIONS

Display	LCD Display 20 x 4
Printer	40 Column Inbuilt and Parallel printer (Optional)
Key Board	Alphanumeric and Functional Keys
Interface Ports	RS-232
Total Number of revolutions	1to 14999 rev
Total Testing Time	1 to 9 Hours 59 mins 59 sec
Weight Balance Interface	Sartorius, Mettler and Shimadzu
Variable speed	20 - 60 RPM
Accuracy	± 1 RPM
Self Test	Yes
Self Validation	Yes
Real Time Clock	Yes
Password Protection	Yes
Fault Localization	Yes
Power OFF Resume	Yes
Auto Unloading	Yes
10° angle	Yes
PC Connectivity	Yes
Dimensions & Weight	380 x 300 x 360mm, 6kg
Electrical Power	115V ± 15V, 50/60 Hz or 230V ± 23V, 50/60 Hz
Auto Calculation % of Loss	Yes
Automatic Home position	Yes

\* Specification are subject to change without prior notice

