

# ELECTROLAB

## Friability Testers



### Drums

- Friability Tester supports 2 types of drum :
  - Standard drum
  - Abrasion drum (for more rigorous informational testing of tablet and coating integrity)



### Snaplock™ mechanism

- Single or double drums can be held in position by a Snaplock™ knob



### Operation

- The test can be performed in two different modes :
  - Timer mode
  - Counter mode



### Alphanumeric keypad

- Alphanumeric keypad to enter the product and sample information



### Quality by Design

- Complies with USP, Ph. Eur, IP specifications
- Automatic sample discharge
- Loading of samples into the drum without removing the drum
- Unique front loading system of the drum
- Positive engagement of the drums with the drive prevents any slippage
- 10° tilt of the drum with the bench top as per USP
- Automatic discharge of test samples into their individual trays
- Test data for ten different drugs can be saved as protocols
- Drums positions are not interchangeable ensuring accuracy of the results
- Automatic drum positioning for loading new samples
- Retention of programmed values in the memory of the instrument
- Online validation of the revolution count and speed
- Power failure detection allows remaining test completion on power resumption



### Results

- Results like % friability and weight-loss can be calculated



Front loading



Tilt



Security with password

Patented



Weighing Scale interface for  
Contech / Sartorius / Mettler /  
Essae balance

Dual Drum Friability Tester with  
Weighing Scale Interface (EF-2W)

Dual Drum Friability Tester (EF-2)  
is also available



Report

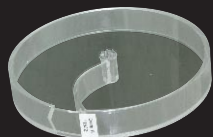


LAN (optional)

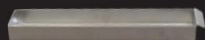


Print

### Standard accessories



**Friability drum**  
Part no - 0401A00009 (Position A)  
Part no - 0403A00013 (Position B)

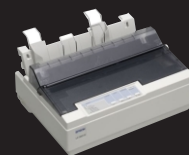


**Tablet collection drawer (S. S.)**  
Part no - 0401A00003 (Position A)  
Part no - 0403A00004 (Position B)

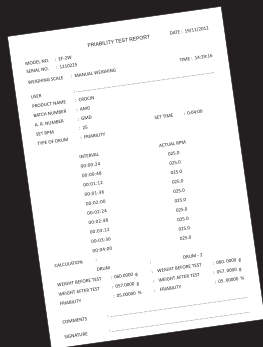
### Optional accessories



**Abrasion drum**  
Part no - 0401A00008 (Position A)  
Part no - 0403A00012 (Position B)



**Epson LX 300 Plus printer**  
Part no - 1501C00001



Friability Test Report



### Cares & Maintenance

- Routinely check drum(s) for signs of cracks or chips
- Clean drum thoroughly using de-ionized water and dry with a soft cloth

### Specifications

Model	EF-2W		EF-2	
		230 Volts	110 Volts	230 Volts
Product code	M.S. : 0420300	M.S. : 0410300	M.S. : 0420200	M.S. : 0410200
	S.S. : 0440300	S.S. : 0430300	S.S. : 0440200	S.S. : 0430200
No. of drums	2		2	
Speed	20 to 50 RPM		25 RPM	
Accuracy	± 0.5 RPM		± 1 RPM	
Timer	1 sec to 9 hrs. 59 min 59 sec		1 sec to 9 hrs. 59 min 59 sec	
Counter	1 to 9999 revolutions		1 to 99999 revolutions	
Display	24 x 2 character LCD		5 digit LED	
Printer Interface	Serial		—	
PC Connectivity	Standard : Serial Optional : External LAN		—	
Electrical power	220/230 V AC ± 10%, 50 Hz, 18 VA 100/110 V AC ± 10%, 50/60 Hz, 18 VA		220/230 V AC ± 10%, 50 Hz, 18 VA 100/110 V AC ± 10%, 50/60 Hz, 18 VA	
Dimensions (W x H x D)	35 cm x 43 cm x 31 cm		35 cm x 43 cm x 31 cm	
Weight	12 kgs		12 kgs	

### Our Products

- Complete range of Dissolution Testers
- Dissolution Media Preparator
- Disintegration Testers
- Tablet Hardness Testers
- Electromagnetic Sieve Shakers
- Tap Density Tester
- Bulk Density Tester
- Powder Flow Tester
- Leak Tester
- Peristaltic Pumps



The information contained in this document is believed to be correct but ELECTROLAB accepts no liability for any errors and reserves the right to alter specifications without notice  
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