

Friability Tester

Dual Drum Friability Tester with Weighing Scale Interface



EF-2W

Features:

- Complies with USP, IP, Ph. Eur. specifications
- Dual drum friability tester
- Alphanumeric keypad to enter the product and sample information
- Test data for ten different drugs can be saved as protocols
- Security with 50 users (Login/Password)
- Programmable counter and timer modes of operation
- Variable speed from 20 to 60 RPM
- Weighing scale interface
- Real time clock
- Unique front loading system of the drums
- Filling of samples without removing the drum
- Supports ELECTROLAB AD™ (Patented) and Abrasion drum with lamellas
- Automatic discharge of the test samples into the tray
- 10° tilt of the drum with the bench top as per USP
- Snap-click knob to hold the drum
- Calculation of result like % friability and weight loss
- Continuous validation of RPM and count
- Complete test validation report with % friability for both drums
- Unique power failure detection, resumes the test after power recovery
- Serial port for PC connectivity and test validation report printout

Specifications:

Model	EF-2W
Speed	Variable speed from 20 to 60 RPM
Accuracy	±0.5 RPM
Timer	Settable from 1 sec. to 9 hrs. 59 min59 sec.
Counter	1 to 9999 revolutions
No. of drums	2
Printer Interface	Serial (RS-232)
Printer Supported	40 Column, 80 Column, Dot Matrix Printer
Electrical power	220/230 VAC, 50/60 Hz, 600 W/2.6 Amp 110 VAC, 50/60 Hz, 600 W/5.5 Amp
Display	24 x 2 character LCD
Size (L x W x H)	350 mm X 260 mm X 430 mm
Weight	12.5 Kg (Approx)

Ordering information:

Products		
Product code	Description	Quantity
0440300	EF-2W (Body made of S.S.) -230V	1
0420300	EF-2W (Body made of M.S.) -230V	1
0430300	EF-2W (Body made of S.S.) -110V	1
0410300	EF-2W (Body made of M.S.) -110V	1

Standard accessories		
Part number	Description	Quantity
0402A00009	EF Friability Drum	2
0403A00005	EF-2W New Tablet collection tray With Drawer (HIPS)	1
0402A00005	EF 10 Degree Tilt with Rear Side Legs (Set of 2)	1
0401A00001	EF Drum Locking Knob	1

Optional accessories		
Part number	Description	Quantity
0403A00006	EF-2W Tablet Collection Drawer for New Tray (HIPS Position A/B)	1
0402A00019	EF-2W 14 Pin Frc Cable From Processor To Driver Card	1
0402A00017	EF-2/EF-2W Drum holding Shaft	1
0402A00008	EF Abrasion Drum	1
0403B00016	EF-2W Platinum Kit	1
0402A00001	EF-2 Tablet Collection Tray with SS Drawer	1
0402B00011	EF-2 Platinum Kit	1

Breakdown part		
Part number	Description	Quantity
0403B00056	EF-2W Drive	1
0403B00049	EF-2W Processor Card New(SMD)	1
0403B00051	EF-2W Hardware And Firmware Upgradation	1
0403B00003	EF-2W Motor Driver Card	1
0403B00018	EF-2W Processor Patch	1
0403B00002	EF-2W Processor Card	1
0403B00004	EF-2W LCD Display with Driver Card	1
0403B00048	EF-2W LCD Display with Processor Patch	1
0403B00028	EF-2W FRC Cable (14 Pin) from Display Card to Keypad	1
0403B00005	EF-2W Transformer	1
0403B00001	EF-2W Front Panel with Keypad	1
0402B00049	EF-2 / EF-2W SMPS 12V DC	1
0403B00016	EF-2W Platinum Kit	1
0403B00050	EF-2W Driver Card New	1
0403B00052	EF-2W Firmware Upgradation	1

Assurance Plan

Part number	Description	Quantity
0403S03	Silver Assurance Plan for Friability Tester Model EF-2W	1
0403S01	Platinum Assurance Plan for Friability Tester Model EF-2W	1
0403S02	Gold Assurance Plan for Friability Tester Model EF-2W	1
0403S20	Bronze Assurance Plan for Friability Tester Model EF-2W	1

IQ/OQ Document

Part number	Description	Quantity
0403S15	IQ/OQ Document for Friability Tester Model EF-2W	1

Dismantling Charges

Part number	Description	Quantity
0403S12	Dismantling Charges for Friability Tester Model EF-2W	1

Reinstallation Charges

Part number	Description	Quantity
0403S10	Reinstallation Charges without IQ/OQ Document for Friability Tester Model EF-2W	1
0403S11	Reinstallation Charges with IQ/OQ Document for Friability Tester Model EF-2W	1

Re-calibration Charge

Part number	Description	Quantity
0403S09	Re-calibration Charges for Friability Tester Model EF-2W	1

Inspection Charges

Part number	Description	Quantity
0403S04	Inspection Charges for Friability Tester Model EF-2W	1
0403S06	Inspection & Service Charges for Friability Tester Model EF-2W	1

Service Charges

Part number	Description	Quantity
0403S04	Service Charges for Friability Tester Model EF-2W	1

Data Integrity Solution

Part number	Description	Quantity
1532700	Kloudface Backup Model EKF-25	1

