

EleTrash

Generic Name : Electronic Trash Separator

Product # : MAG - F0101

Test Category : Fibre

Industry Usage : Ginning and Spinning

TEXTILE
TESTING
SOLUTIONS

Features :

- Determine the percentage of trash, lint and dust content within a sample of raw cotton, Blow room lap, carding sliver etc. and to open and clean fibres for further testing.
- Suitable for 50 / 100 gram of cotton samples at the opening rate of 16+ grams per minute.
- Operating under the principle of Buoyancy separation by the use of air currents.
- Separate suction system for effective separation of lint and non-lint contents.
- Compact, aerodynamic shape, silent operation and nonpolluting nature for better laboratory environment.
- Individually spring loaded & segmented finger type feeder for better grip for better opening.
- Microcomputer controlled operation with solid-state control circuitry to enhance feasibility and operator safety.



TECHNICAL DATA

Capacity / Sample size	: 50 or 100 gram per test
Opening Rate	: 16 gram per minute (At nominal feeding)
Micro-dust filtering Stage	: Fine - 150 micron; Coarse - 300 micron
Control system	: Microcomputer based solid-state control circuitry
Power supply	: Three Phase 415vAC @ 50Hz Consumption : ~ 2000 watts
Applicable Standard(s)	: ASTM D2812 & ITMF
Physical Dimensions	: Size (WDH) : 620 x 900 x 550 mm Weight : 180 kg

SCOPE OF SUPPLY

- 1) Main Unit** : - 1 No.
- 2) Accessories** : Sample feeding tray - 1 No., Air lock plug - 3 Nos., Micro-dust filter cartridge "Fine" - 1 No., Dust filter cartridge "Course" - 1 No., Steel bowl - 1 No. and Cleaning brush - 1 No. Blower filter box - 1 No., Hose (1.5 meter) – 1 No., PVC pipe with coupling (Ø 63 mm) - 1 No., Hose (0.5 meter) - 1 No. and Hose clamp – 4 Nos.
- 3) Spares** : Micro-dust filter cartridge "Fine" - 1 No., Dust filter cartridge "Course" - 1 No. and Blower filter cloth - 1 No.
- 4) Documents** : User's guide, Warranty certificate, Test certificate & Calibration certificate.

- Optional Supply** : 1) Precision electronic balance.
2) Wheeled trolley / Working Table.

PRE-REQUISITES FOR INSTALLATION

Suitable working table, Precision electronic balance, Properly earthed and Stabilized Three phase 415vAC @ 50Hz ported at switched terminal, Test samples and Suitably qualified operator.

OTHER AVAILABLE MODELS

AccuTrash (Computerized Gravimetric Trash)