Rel. En 2022-06

FIBRE OPENER AND ANALYSER

TRASH ANALYSER

To determine the percentage content of trash, dust, microdust, and lint in raw cotton samples of about 100 g.
Also used to determine non-fibre content of synthetic fibres and to open and cleanfibres for further testing.
The analyser uses the carding principle of separation of lint and non lint content by means of air.

MESDAN LAB

TRASH ANALYSER CODE 281C

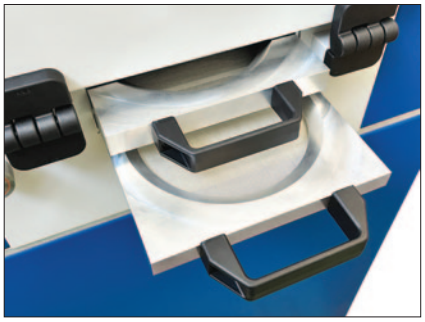
Working principle

A raw fibre sample of about 100 g is fed to the equipment and through a carding system, the analyser separates the lint from the non lint content, by mean of air vortex.
Lint is collected in the exhaust chamber, while trash is collected in a separate drawer; under the dust drawer, dust and microdust are collected separately by two filters with different density.
By mean of an analytical scale it is then possible to calculate their % content over the initial sample.

trash drawer

lint drawer

dust filters



TECHNICAL FEATURES

- Quantity of specimen to be tested simultaneously: 2 x 50 =100 g
- Width of feeding table: 300 mm
- Speed of feeding roller 4 rpm
- Diameter of feeding roller 30 mm
- Speed of opening cylinder 1490 rpm
- Diameter of opening cylinder 250 mm
- Wheeled floor support

Photographs and descriptions of the present leaflet have to be considered as purely indicative and not binding

OPTIONAL ACCESSORIES

Laboratory Analytical and Precision Balance; weighing capacity 320 g, readability 0,001 g, weighing pan size Ø 120 mm, endowed with weighing chamber, enables to start weighing right, Code 165.756

DIMENSIONS / POWER SUPPLY

Weight: 190 kg
Dimensions: (L) 640 x (W) 950 x (H) 1300 mm
Power supply: 3 x 400 Vac, three-phase, 50 Hz

MESDAN A VANDEWIELE COMPANY

MESDAN S.p.A. Italy
+39 0365 653 142
sales@mesdan.it - mesdan.com