

product specification

Concora Medium Fluter



Accessories for CMT (rack, comb and transfer plate)

Description

The Concora Medium Fluter produces specimens of corrugated board under conditions similar to the actual production process. It is used for fluting a pre-cut strip of corrugating medium ready for performing the CMT (Concora Medium Test) and the CCT (Corrugated Crush Test). The accessories for CMT – rack, comb and exclusive transfer plate – are supplied with the instrument.

Features

- Robust, precision construction – aluminium-cast cover, steel base and structure, thermal insulation made of asbestos-free materials
- Integral digital temperature controller
- Simple to use and reliable

Physical specifications

Fluting rolls: Nickel-plated alloy steel fluting rolls, Rotation 4.5 ± 1 RPM

Dimensions: 53 x 58 x 30 cm (W x L x H)

Net weight: 90 kg

Options

- Precision Sample Cutter Model 12.7 x 152.4 mm
- Crush Tester Model
- Corrugated Crush Test Device

Performance data

Fluting temperature $175 \pm 2^\circ\text{C}$ (350°F)

Fluting force 100 ± 10 N

Speed range of the flute disk 4 ± 0.025 rpm

Contact pressure of the fluted disks 10 ± 1 kgf

Power supply 220 V, 50/60 Hz

Power consumption 2800 W

Operation temperature $177 \pm 5^\circ\text{C}$

Standards

ISO 7263, DIN 53143, TAPPI T-809, SCAN P27, CPPA D24