

Preparation Products



Concora Medium Fluter

For the preparation of corrugated samples for CMT- and CCT-Test.

For:



MOST IMPORTANT BENEFITS:

- ✓ Digital display of the temperature
- ✓ Fast heating of the fluting segments (approx.10 min)
- ✓ Energy optimized: only 450W power consumption
- ✓ Low heat emissions, operation in climatized laboratories possible

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

SUBSIDIARY OF  Erf Hansson

 **M.C. TEC**

Sales and service benelux

M.C. TEC
Distributiestraat 73
4283JN Giessen, Netherlands
Phone: +31 0183 445050
www.mctec.nl | info@mctec.nl

PRODUCT DESCRIPTION

The Concora medium fluter consists of a main case and a fluter case. The motor and controls are installed in the main case. Behind the safety cover of the fluter are the geared elements and heating elements. On its top there is a slot for insertion of samples. The thermostat, mounted in the main case, regulates and displays the fluter segments temperature. The standard unit is delivered with integrated geared segments for one flute. For other flute types, the Concora medium fluter with exchangeable flute segments is available. The corresponding "third hand" and tamping block are used for adhesively attaching the previously created flute.

TEST DESCRIPTION

A 152.4 x 12.7 mm test strip is created with the strip punch (see page 9) and fed into the sample slot that leads to the fluter which has been preheated to operating temperature. On pushing the start button geared segments pull the strip through the machine and press it with a defined force and preset temperature, creating flutes in the strip. After flute creation, it is delivered to a compartment for removal by the operator. It can now be used for a CCT test or prepared for the CMT test using the "third hand". In this process the flute is placed of the flute block and the third hand is closed. An adhesive tape acc. to standard is then applied to the flute, and the tamping block is used to firmly attach it. At this point the flute block is pushed sideways and the tape is removed.



Insertion of the sample
Concora with slot for 12,7mm and 15mm available

TECHNICAL DATA

DEVICE / INSTRUMENT

- Digital temperature display
- Temperature adjustable up to 200 C°
- Fast heating of the fluting segments
- Speed of the fluting segments: 4,5 UpM
- Contact pressure: 100 N
- Fluting segments for A, B, C, D, E & F flutes
- „Third hand“ and tamping block

APPLICABLE STANDARDS

DIN EN ISO 7263_2011
TAPPI T809
*more standards on request

SYSTEM

Contact pressure:	100N
Speed:	4,5 UpM
Temp.:	Adjustable up to 200C° +8C°

CONNECTIONS

Power Supply:	230V/50-60Hz/
Power consumption:	~300W
Water:	no
Compressed air:	no

DIMENSIONS

	L x H x W
S959630002/3	480 x 320 x 200 mm
Weight:	net / gross 20 kg / 42kg

ARTICLES / MODELS

S959630003	Concora for exchangeable segments A-F 2 Slots 12,7mm / 15mm (GHOST)
S959631001	A - flute segments
S959631002	B - flute segments
S959631003	C - flute segments
S959631004	D - flute segments
S959631005	E - flute segments
S959631006	F - flute segments

Recommended Accessoires:

S959631007	3.hand for A-flute
S959631014	3.hand for B-flute
S959631013	3.hand for C-flute
S959631016	3.hand for E-flute
S959631008	Adhesive tape double-sided, 19 mm
S959631008	Adhesive tape one-sided, 19 mm
S403100016	Sample Punch „Punch & Die“ 6" x 0,5" (152.4 x 12.7 mm)