PAPER TESTING ASSOCIATION

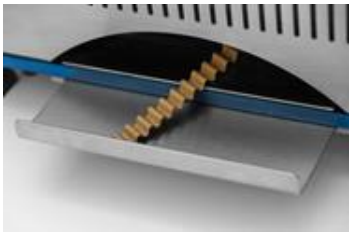
PAPER Testing Equipment

VERTICAL LABORATORY FLUTER WITH INTERCHANGEABLE HEADS FOR CMT AND CCT TESTS

Code: PTA-100605

Prepare corrugate samples for CMT and CCT tests

Standards: TAPPI T 809, ISO 7263, PAPTAC D29, DIN-EN ISO 7263, SCAN P27



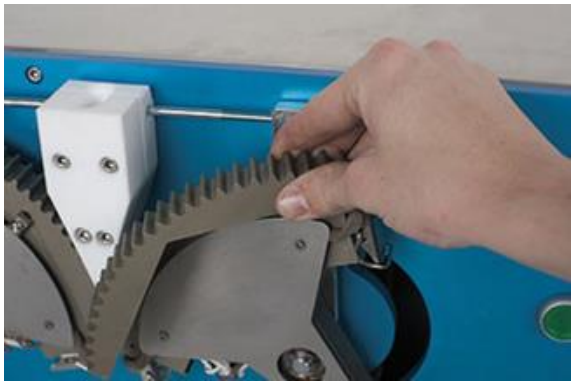
The Vertical Laboratory Fluter with Interchangeable Heads is manufactured with the standard channeling mechanism of the standard vertical laboratory fluter and comes with the industry standard "A" size flute plate set. This instrument provides the ability to purchase additional flute plate sets for B, C, and E flute sizes which can be easily interchanged in approximately 2 minutes. The interchangeable vertical fluter addresses the medium paper's industry expansion beyond the traditional "A" flute size.

CHARACTERISTICS:

- Distance between the teeth is 8.5 ± 0.05 mm.
- Height of the teeth is 4.75 ± 0.05 mm.
- Contact pressure of the flute plates is 100 ± 10N.
- Rotational speed of riffle segments: 4.5± 1rpm.
- The standard instrument is delivered with a set of "A" flute plates. You can order additional flute plate sets for "B", "C", and "E" flute sizes.
- Sample inlet (12.7mm) located in the upper part. The instrument is optionally available with a double sample inlet of 15 mm, according to GOST standard.
- Heating system is built directly into the flute plates. Heat transmission is efficient and uniform. The instrument takes approximately 15 minutes until the working temperature of 175ºC is reached. The temperature can be set accurately to 1ºC.
- "Third Hand", for the correct application of adhesive tape, is included for the standard "A" size flute (10 flutes of approx.19mm length and 3 ± 0.1mm height).
- Power consumption is only 200W.
- CE mark.
- Electrical Connection: 220V/50HZ or 110V/60Hz
- Weight (equipment only / with packaging): 20 kg / 30 kg
- Dimensions (W x L x H - equipment only / with packaging): 480 x 200 x 360 mm / 580 x 380 x 380 mm

TEST DESCRIPTION:

A sample of 6" x ½" (152 x 12.7 mm) is prepared by means of a sample punch. It is inserted into the sample inlet at the top of the instrument. When the start button is pressed, it is introduced and molded by the heated fluting plates. The sample is then ejected at the bottom. The flute plates return to their initial position. It is important that the sample has the correct width of ½" (12.7 mm).



Alternative model: Vertical Laboratory Fluter (Code: IDM-100613)