



PAPER TESTING ASSOCIATION

# CORRUGATED BOARD Testing Equipment



## VERTICAL LABORATORY FLUTTER CMT

### AV-S

Code. 100613

For the preparation of corrugates samples for CMT and CCT tests

**Standards** : ISO 7263, DIN-EN ISO 7263, TAPPI T809, SCAN P27, PAPTAC D29,  
etc.



Sold & serviced by:

**OpTest Equipment Inc.**

[www.optest.com](http://www.optest.com) - [sales@optest.com](mailto:sales@optest.com) - +1-613-632-5169

## CHARACTERISTICS :

- Energy optimized due to its excellent design. Power consumption only 200w instead of the approximately 2.000w that consume the horizontal machines.
- Heating system. Directly heated riffle plates. The heating is built into the riffle segments. Therefore heat transmission is very efficient and uniform. The instrument takes approximately 15 minutes until the working temperature of 175°C is reached. The temperature can be set accurately to 1°C.
- Test samples are introduced from above.
- Standard delivery with a fixed set of "A" riffle segments. It can be optionally ordered with one or more exchangeable sets of riffle segments. Flute A, B and C are available (others on request). Changing the riffle plates is very easy and only takes about 2 minutes.
- Distance between teeth:  $8.5 \pm 0.05$  mm.
- Height of teeth:  $4.75 \pm 0.05$  mm.
- Contact pressure of the riffle segments:  $100 \pm 10$ N.
- Rotational speed of riffle segments:  $4.5 \pm 1$ rpm.
- "Third Hand" for correct application of adhesive tape is included in delivery (10 flutes of approx. 19mm length and  $3 \pm 0.1$ mm height).
- The instrument is optionally available with a double sample inlet for samples of 12.7 mm and samples of 15 mm (according to GOST standard). Consult your provider.
- CE mark.



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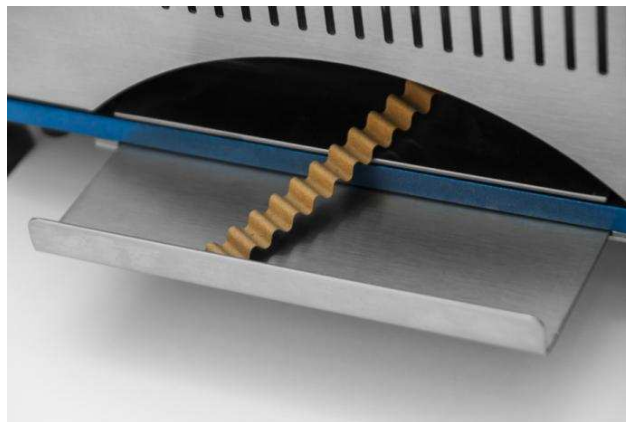
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## **TEST DESCRIPTION:**

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 riffle plates. The sample is then ejected from below and can be taken out. The riffle plates return to their initial position. It is important that the sample has the correct width of 12.7 mm.



## **CONNECTIONS:**

Electricity : 110 – 220v, 50 – 60Hz

### **WEIGHT AND DIMENSIONS (ONLY EQUIPMENT) :**

480 x 200 x 360 mm (WxLxH) / 20 Kg

### **WEIGHT AND DIMENSIONS WITH PACKING BOX :**

580 x 380 x 380 mm (WxLxH) / 30 Kg

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