

TWIN FOLDING TESTER

This instrument measures the folding endurance of sheet material and is a good indicator of how material will perform after repeated bending, folding and creasing.

Based on the original design of Louis Schopper, the twin folding tester incorporates a new drive and cooling system. The testing temperature is monitored through a sensor in the measuring head.

The results of folding tests are subject to variation due to sample quality. Therefore larger series of tests are needed, for obtaining reliable mean values. In order to speed up testing, the twin folding tester is designed to test two samples simultaneously.

Three models are available, for :

- paper
- board
- cigarette paper



Model DFP 6/60

Features

- Used for determination of paper resistance against repeated folding
- Twin device allows two tests to be carried out simultaneously => time savings !
- Capable of testing paper thickness up to 0.25 mm
- upon request other thicknesses are possible

Physical specifications

Case

The case of the folding tester is equipped with a supporting plate on which two folding heads and appropriate spring cases are attached.

Counter and operator's control are mounted at the front plate whereas the drive is incorporated in the lower part of the casing.

Knives

Carried in high-precision side-ball rails which ensure snap-free load and stable running. After a rupture of a specimen, a special switching unit takes the folding knives automatically back to the starting position in order to load a new specimen.

Dimensions

54 x 42 x 35 cm (WxDxH)

Net Weight

32 kg

Standards

TAPPI T-423, ISO 5626, DIN 53412

Performance data

Tension

Spring tension 770 / 1000 g

Length

Span length 90 mm

Width

Specimen width 15 mm

Roll

Diameter 6 mm

Distance between the rolls 0.5 mm

Counters

Counts the foldings, 6-digit, preselection - pushbutton for zero setting before start - unit for adjusting the folding knives to starting position - counter switch-off at fracture of 1st specimen - 2nd counter switch-off at fracture of 2nd specimen

Drive speed

Between 100 - 120 lifts per minute

Power Supply

230 V, 50 Hz

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