



Calibration kit

No.2016

Schopper folding ester

This is a tester for resistance to folding of a sheet of paper or film. The specimen is inserted into a slit in the reciprocal movement metallic plate where the specimen is held at the right and left ends to be given light tension. The holding line of the specimen is subject to repeated reciprocal movement, and leads to fracture.

The number of reciprocations to cause fracture is displayed as Schopper folding resistance.

Specimen: 15mm wide, 100mm long, 0.25mm thick

Folding blade: thickness 0.5mm, slit interval 0.5mm

Movement length: 20mm

Guide roll: 6mm in diameter, 18mm long

Load: initial tension 7.6N, maximum tension 9.8N

Reciprocating speed: 115 + 10 times/min.

Number of folding: 6 digits

Folding endurance: logarithm

Referential standards: JIS P-8114-2003, TAPPI T423om-98, ISO 5626

Power Source: 100/110VAC 50/60Hz 1A

Outer dimension: 410 x 380 x 280mm

Instrument weight: 20kg