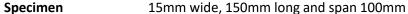


Fenchel Expansion Meter

Model No. 2077

This machine is designed to measure expansion of a paper sheet or paperboard sheet by immersing the paper in water. The specimen is fixed with the upper and lower clamps. From the upper clamp, a weight is suspended via a pulley, with the thread linked to a dial gauge. With this weight, a certain amount of tension is given to the specimen that is in the water for a certain span of time. Expansion of the specimen is indicated on the gauge.

There are two pipes on the upper lid, enabling to monitor dimensional stability of a specimen with changing relative humidity, under the circulation of the air of a constant humidity in the container.



Maximum Expansion ±10mm, 1/100mm accuracy

Measurement Gauge digital type

Weights 5, 10, 20, 50, 100g

Immersion Time5 min. for paper, 10 min. for paperboardRecorderable to record changes in expansion (optional)

Referential Standards J. TAPI No. 27-2000, ISO 5635

Outer Dimentions 250×310×890mm

Instrument Weight 14kg

