



GURLEY DENSOMETER MANUAL (without timer)

Cod. 170402

For determination of the porosity according to the GURLEY method

Standards: ISO 5636/5, TAPPI T460, ASTM D726-58, BS5926, etc.



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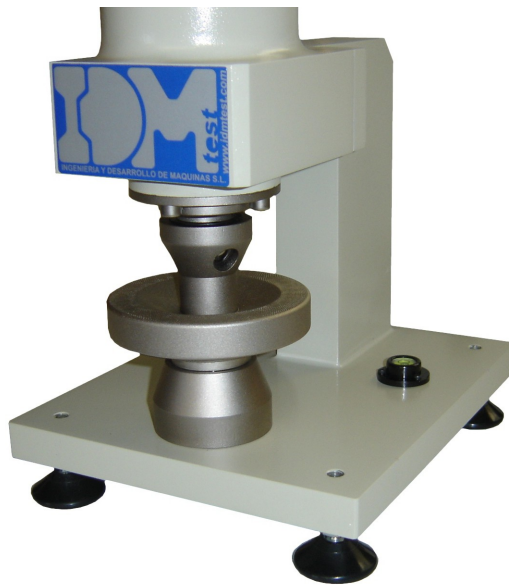


SPECIFICATIONS :

This is the traditional and most popular model for measuring the porosity and air permeability values.

The air pressure is produced by an inner cylinder of a specific diameter and normalized weight, which floats freely in the other outer cylinder partially filled with oil which acts as a sealant of air. The sample of the test material is held by clamping plates having a circular orifice of 1.0 square inch (standard) or 0.25 or 0.1 square inches (optional).

Porosimeter readings can be evaluated directly or indirectly depending on the material and the aims of the trial. Directly when tested the ability of the resistance to airflow through a material. Indirectly, when one wants to measure other physical properties affecting the passage of air through a porous sheet.



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PAPER TESTING ASSOCIATION

PAPER Testing Equipment



APPLICATIONS :

To determine the air resistance of insulating materials.

The simple model includes a 20 ounces cylinder, a lower clamping plate of 1.0 square inch of orifice passage of air and an upper adapter.

The cylinder is graduated per 50 cc for a total of 300 cc.

As in all modern porosimeters, the contact pressure is adjusted by turning a knob which raises and locks the lifting assembly and the clamping plate .

Optionally equipped with Digital Module to control with great accuracy the time in seconds of the passage of air through the sample.

DIMENSIONS AND WEIGHT :

Dimensions : 400 x 250 x 430 mm (W x D x H)

Net weight : 10kg

Gross weight : 13kg

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