

No.2060

Gurley standard densometer (type B)

Paper is composed of a mesh structure with an infinite number of through-holes, concaves, and closed spaces. Air permeability test measures resistance to air that passes through the specimen. There is a relationship between air permeability and paper density, formation, water absorption and printability. Air permeability is a measure of the porosity of paper. This machine measures the air permeability of porous materials including papers, filter paper and packaging paper. The inner cylinder of a specified mass gradually moves oil downward in the outer cylinder. The time necessary for a specified volume of air to pass through the specimen is measured by stopwatch.

Outer cylinder: 82.5mm in inner diameter, 254mm high

Inner cylinder: 76.2mm in outer diameter, 74mm in inner diameter, mass 567 + 0.5g

Air capacity: up to 350cc (standard 100cc) (optional 400cc)

Circular area: 642mm²

Referential standards: JIS P-8117-2009, TAPPI T460cm-02, ISO 5636/5

Outer dimensions: 230 x 250 x 540mm

Instrument weight: 12kg



No.2060-C

Air permeability tester (with automatic counter)

This is an automatic counter for labor saving. It counts the signal emitted every time the slit plate mounted on the inner cylinder passes the sensor. When the count reached the preset number, the device displays the elapsed time. Use of this counter with the densometer No.2060 will remarkably increase work efficiency. By setting an air volume on the preset counter, you can make measurement with a desired air volume. A printer (optional) is also available.

Timer: 5-digit display

Measurement air volume: standard type 25, 50, 75, 100, 150, 200, 250, 300, 350cc
high pressure type 2.5, 5, 10, 15, 20, 25, 30 cc

Power source: 100/110VAC 50/60Hz 0.5A

Counter dimensions: 290 x 310 x 150mm,

Instrument weight: 4kg



Auto-counter
(with printer)