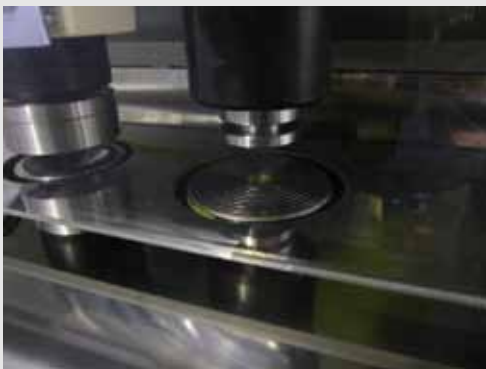




Porosity only model



Measuring area

No.2040-C Oken type smoothness and air-permeability tester (digital type)

This machine, like the H model, is designed to determine smoothness and air permeability by converting to pressure the airflow between the standard surface and the surface of a specimen under certain conditions. The digital model uses an electronic manometer instead of the water column type air manometer, displaying smoothness and air permeability as a digital value.

In addition, use of the timer enables to display measurement values always in stable status.

This machine is optimal for field management with the following advantages;

Measurement in short time

Easy in reading measurement values, because they are expressed as digital values.

The tester for smoothness only or for air-permeability only also is available.

Measurement area for smoothness: 8.08cm²

Measurement load for smoothness: 8.08kg

Total length of a measurement ring: 733mm

Measurement area for air-permeability: 645.16mm² (1.00in²)
Measurement range
(switch of nozzles)

Median of smoothness: 100, 500, 1000sec.

Median of air permeability: 100, 500, 1000, 2000sec.

Electronic manometer capacity: 1000mmH₂O

Standard air pressure: 500mmH₂O, adjustable in 3 stages

Timer: display in three digits (second)

Referential standard: JIS P-8155-2010, JIS P-8117-2009, ISO 5636-6

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

Air source: 0.5MPa

Outer dimensions: 340 x 420 x 410mm

Instrument weight: 40kg