



YASUDA
— TESTING THE LIMITS —

**No.323 GURLEY TYPE
DENSOMETER(Automatic) | YASUDA
SEIKI SEISAKUSHO LTD. providing
you the best material testing
equipment.**

Contents

No.323 GURLEY TYPE DENSOMETER

No.323-AUTO GURLEY TYPE DENSOMETER (AUTOMATIC)

No.323 GURLEY TYPE DENSOMETER



JIS-L1096, P8117, ASTM-D726, TAPPI-T460, ISO-5636-5

- This tester is used to evaluate the air permeability of paper, cardboard, and textile.
- The operator is to measure the time that a certain amount of compressed air passes through the clamped test specimen.
- The user can choose between the manual type, which the time is measured by a stop-watch, and the automatic type, which the time is measured by digital timer.

Specification

Specifications are subject to change without notice.	
Model	No.323 GURLEY TYPE DENSOMETER
Specimen	50 × 50 mm
Clamp	$\phi 28.6 \pm 0.1$ mm (Permeation Area 642 mm ²)

Outer Cylinder	Inner Diameter ϕ 82.6 mm, H254 mm, Marker 127 mm from Bottom
Inner Cylinder	Outer Diameter ϕ 76.2 mm, Inner Diameter ϕ 74 mm, H254 mm, Mass 567 ± 0.5 g
Air Volume	0 to 100 ml (Scale 25 ml), 100 to 350 ml (Scale 50 ml)
Time Measuring	Manual (Stopwatch)
Accessory	Machine Oil
Option	Attachment (ϕ 10 mm)
Power Source	—
Dimensions/ Weight (Approx.)	W150 × D230 × H420* mm/ 13 kg *H580 mm: When Inner Cylinder is set in the test position.

No.323-AUTO GURLEY TYPE DENSOMETER (AUTOMATIC)



JIS-L1096、P8117、ASTM-D726、TAPPI-T460、ISO-5636-5

- We also have an automatic model with touch panel interface which displays the impermeability (s) and ISO permeability ($\mu\text{m}/(\text{Pa} \cdot \text{s})$).

Specification

Specifications are subject to change without notice.

Model	No.323-AUTO GURLEY TYPE DENSOMETER (AUTOMATIC)
Specimen	50 × 50 mm
Clamp	$\phi 28.6 \pm 0.1$ mm (Permeation Area 642 mm ²)

Outer Cylinder	Inner Diameter ϕ 82.6 mm, H254 mm, Marker 127 mm from Bottom
Inner Cylinder	Outer Diameter ϕ 76.2 mm, Inner Diameter ϕ 74 mm, H254 mm, Mass 567 ± 0.5 g
Air Volume	0 to 100 ml (Scale 25 ml), 100 to 350 ml (Scale 50 ml)
Time Measuring	Automatic Max. 99999.9 sec Detection: Micro Optical Sensor
Accessory	Machine Oil
Option	Attachment (ϕ 10 mm)
Power Source	AC 100 V, 1-Phase, 3 A, 50/60 Hz
Dimensions/ Weight (Approx.)	Tester Body: W150 × D230 × H420* mm/ 16 kg *H580 mm: When Inner Cylinder is set in the test position. Control panel:



W250 × D360 × H250 mm/ 8 kg