

No. 158 Gurley type Densometer Model **G-B3C**



■ APPLICATION

The **Gurley type Densometer** is designed to measure air permeability according to ISO 5636-5 and JIS P 8117. It is applicable to paper products such as paper sheet and cardboard in which 100ml of air passes through 28.6mm diameter area in 1.4 ~ 1300 seconds, but excluding those paper products, such as crape paper and wave paper patten in which air leaks from the surface or edge (sample's cross section) even when tightly clamped. Measures air permeability of paper, etc.

Evaluates by indicating time by automatically detecting falling rate of pressure cylinder.

■ SPECIFICATIONS

Model	G-B3C
Sample clamping system	Constant load system using lever operation (Sample: 0 to 1mm, approx. 200N)
Outer cylinder	Internal dia. 82.6mm, Height 254mm
Inner cylinder	Internal dia. 74mm, External dia. 76.2mm, Height 254mm Mass 567±0.5g
Gasket	Internal dia. 28.6mm, External dia. 34.9mm
Air permeation volume	Max. 350ml Scale 0, 25, 50, 75, 100, 150, 200, 250, 300, 350ml
Air transmission hole diameter	Ø28.6±0.1mm
Oil	Machine oil, ISO VG10
Air permeation counter	1) Scale detection sensor: Reflection type optical fiber sensor 2) Permeation time range: 1.0 to 9999.9sec. 3) Measuring mode: Cumulative time(s) 4) *Indication mode: Air resistance(s/100ml), ISO air permeability($\mu\text{m}/\text{Pa}\cdot\text{s}$) *Note: Possible to change after measurement. It displays cumulative time during measurement. 5) Air permeation volume ranges: 25, 50, 100, 200, 300ml (5 ranges) 6) Interface: RS-232C
Power requirement	Single-phase, AC100 to 240V, 50Hz or 60Hz, 0.5A
Dimensions	W220 x D225 x H560mm
Weight	Approx. 22kg
Related standards	ISO 5636-5 JIS P 8117, L 1913

■ STANDARD ACCESSORIES & OPTIONS

● Standard ○ Option

Name	Model (Part No.)	Photo/Description	G-B3C
Mini printer	G-P3	-----	<input type="radio"/>
Data acquisition software for spreadsheet application <i>Note: Spread sheet application is not provided.</i>	EX	-----	<input type="radio"/>
Adapter (Specimen attachment)	S15	Gasket of inner dia. Ø15mm	<input type="radio"/>
Adapter (Specimen attachment)	S10	Gasket of inner dia. Ø10mm	<input type="radio"/>
Adapter (Specimen attachment)	S6	Gasket of inner dia. Ø6mm	<input type="radio"/>

Specifications are subject to change without notice.

 **TOYOSEIKI**
TOYO SEIKI SEISAKU-SHO, LTD.
5-15-4, Takinogawa, Kita-ku, Tokyo 114-8557, Japan
Tel:+81-3-3916-8183 Fax:+81-3-3916-8173
www.toyoseiki.co.jp

20200720 MN