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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 $1.4 \sim 1300$ seconds, but excluding those paper products, such as crape paper and wave paper patter 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(μm/Pa⋅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

Standard Option			
Name	Model	Photo/Description	G-B3C
	(Part No.)		
Mini printer	G-P3		\circ
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Data acquisition software for spreadsheet	EX		\circ
application			
Note: Spread sheet application is not provided.			
Adapter (Specimen attachment)	S15	Gasket of inner dia. Ø15mm	0
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Adapter (Specimen attachment)	S10	Gasket of inner dia. Ø10mm	0
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Adapter (Specimen attachment)	S6	Gasket of inner dia. Ø6mm	
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Specifications are subject to change without notice.



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