



GB Series Mass-Burette Flow Detectors

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Dynamometer System



Applications:

Features:

- Highly immune to the effects of bubbling and with an air removal function
- Pressurization and Pressure Feed
- Measurement principal is inherently immune to zero-point drift effects associated with differential pressure gauges
- Excellent Accuracy: $\pm 0.2\%$ measured value, $\pm 0.01\%$ full scale

Description:

Five types of detectors are available, to cover a wide range of flow requirements.

Any of these detectors may be combined with the AX-6800 Digital Flow Meter to achieve high accurate flow measurements ($\pm 0.2\%$ measured value, $\pm 0.01\%$ full scale).



GB Series Mass-Burette Flow Dectors

Specification:

Item \ Model	GB-005	GB-010	GB-020	GB-050	GB-100
Measurement Range	0 to 10 g/s (0 to 36 Kg/h)			0 to 25 g/s (0 to 90 g/h)	0 to 50 g/s (0 to 180 Kg/h)
Max Integrated Value (for one charging)	50 g	100 g	200 g	500 g	1000 g
Applicable Liquid* ¹	Gasoline, Light-oil, Kerosene				
Accuracy* ²	± 0.2% of measured value, ± 0.01% of full scale				
Resolution	0.0005 g/s	0.0005 g/s	0.001 g/s	0.01 g/s	0.01 g/s
Min Integration Units	16 bits				14 bits
Output Signal	4 to 20mA DC				
Charging Valve	12 VDC direct-operated solenoid valve (closed when power is off)				
Overflow Protection Valve	12 VDC direct-operated solenoid valve (closed when power is off)				
Joints	Ribbed joint, R3/8 ID: 6mm; OD: 9mm (inlet, outlet)				Ribbed joint, R1/2 ID: 12mm OD: 16mm (inlet, outlet)
Max Pressure	196 KPa (2KgF/cm ²)				
Operating Temperature Range	0 to 40°C (environment & liquid, no condensation)				
Weight	Approximately 13 Kg				
Outer Dimensions	310 × 597 × 198 mm				

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