



## GB Series Mass-Burette Flow Dectors

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Dynamometer System

**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

**Applications:****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* <sup>1</sup>	Gasoline, Light-oil, Kerosene				
Accuracy* <sup>2</sup>	± 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 <sup>2</sup> )				
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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