



Purge Flowmeter (for Scientific Instrumentation System)

MODEL RK1000 SERIES

This is a glass tube float type flowmeter materialized through our all-out effort at streamlining the production line to offer users a low-cost model that can be shipped in a reduced period of delivery. While it is outstandingly compact (total length of the smallest type: 80 mm), it provides high performance in stability that bears comparison with any high precision models and is optimum to form a part of the customer's scientific instrumentation system.

Features

- Superior stability
- Economical
- Super-compact
- Wide variations

Applications

- For integration into equipment panel
- For gas purge systems
- For measurement of welding gas flows
- For various types of analyzers
- For semiconductor manufacturing equipment

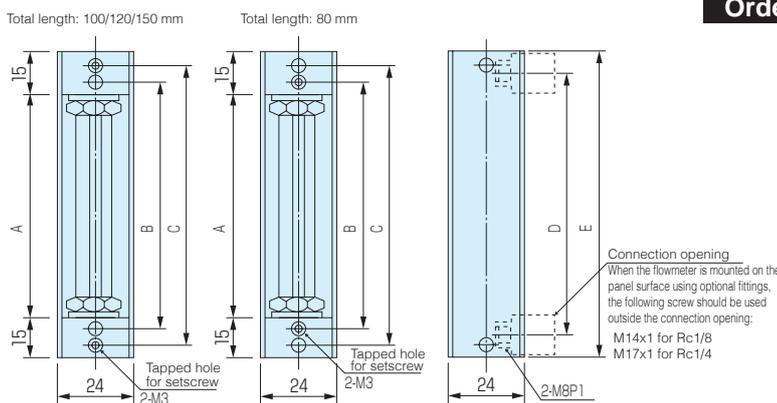


Standard Specifications

Fluids	Air, N ₂ , O ₂ , H ₂ , He, Ar, and CO ₂ (Calibration by actual gas) For other gases, consultation is necessary regarding conversion conditions or calibration by actual gas is to be used.
Flow range (Full scale)	100ML, 150ML, 200ML, 300ML, 500ML/MIN 1L, 2L, 3L, 5L, 10L, 15L, 20L/MIN
Accuracy	FS±5% (Measurement point)
Proof pressure	0.7MPa for 5L/MIN or less 0.5 MPa for 10 L/MIN or more
Available scale	10:1

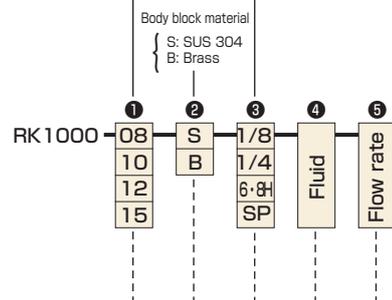
Materials	S	BS
Body block and some other components	SUS303, SUS304	Brass
Tapered tube	Pyrex®, glass	
Packing	FKM	NBR
Float	Pyrex, SUS 316, glass	
Protective cover	Acrylic resin	
Temperature resistance	MAX60°C	
Connection	Rc1/8 (Standard); Rc1/4 (Optional)	

Dimensions

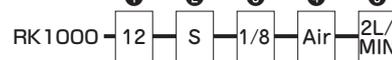


Ordering

Total length { 08 80mm, 10 100mm, 12 120mm, 15 150mm }
Connection { 1/8: Rc1/8 (Standard), 1/4: Rc1/4 (Optional), 6·8H: Hose nipple (Optional), SP: Specify (Optional) }

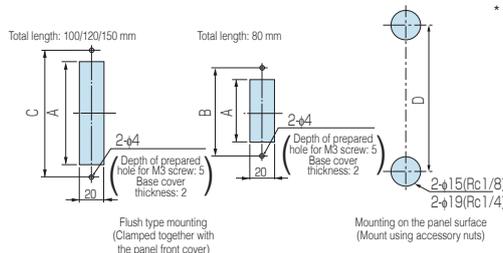


Illustrative example



* Refer to "Ordering" and "Illustrative example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.

<Cut Dimensions>



Dimensions of parts per length designation code

Part	Code	08	10	12	15
A		50	70	90	120
B		60	80	100	130
C		70	90	110	140
D		65	85	105	135
E		80	100	120	150