



Purge Flowmeter (for Scientific Instrumentation System)

MODEL RK1050 SERIES

This is a completely renewed model of the existing compact, economical KOFLOC RK1000. With its surprisingly slender appearance, this new compact model provides high stability performance that bears comparison with any high precision models. It can be ideally integrated in the customer's scientific instrumentation system. Reduced period of delivery is ensured.

Features

- **Superior stability**
Superior stability is ensured through thorough antistatic measures and using the same try-flat, rib-guid glass tube as that used for high precision models.
- **Economical**
Economy and reduced period of shipping achieved through our all-out effort at process streamlining such as introduction of mass production system using advanced printing technology
- **Super-compact**
Space-saving as its total length ranges from 84 mm to 154 mm.
- **Wide variations**
A broad range of variations is available in maximum flow rate, total length and materials of construction to meet diverse applications from a variety of fields.

Applications

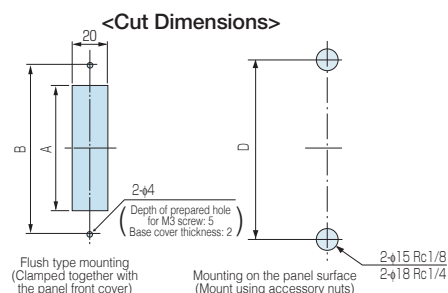
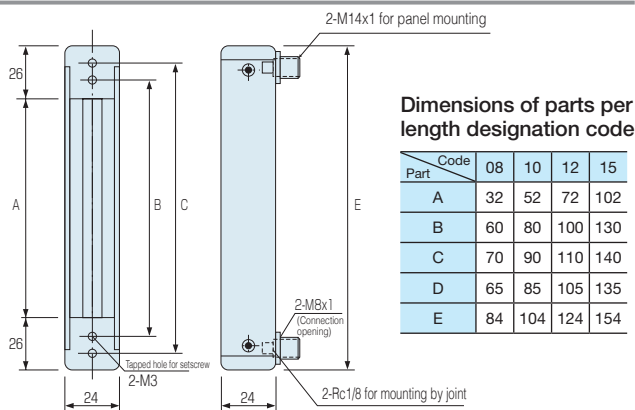
- For integration into equipment panel
- For gas purge systems
- For measurement of welding gas flows
- For various types of analyzers
- For semiconductor manufacturing equipment

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 whether 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



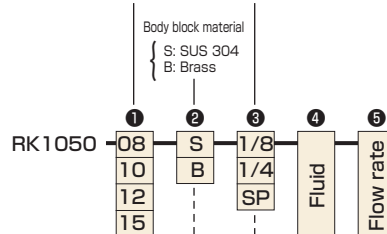
Dimensions



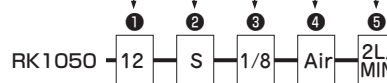
Materials	S	BS
Body block and some other components	SUS303, SUS304	Brass
Tapered tube	Pyrex [®] , glass	
Packing	FKM	NBR
Float	Pyrex, SUS 316	
Protective cover	Acrylic resin	
(Temperature resistance)	MAX60°C	
Connection	Rc1/8 (Standard); Rc1/4 (Optional special joint)	

Ordering

Total length { 08 84mm, 10 104mm, 12 124mm, 15 154mm }
Connection { 1/8: Rc1/8 (Standard), 1/4: Rc1/4 (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.