

Purge Flow Meter with Needle Valve

MODEL RK1600R SERIES



Applicable fluids Gas N₂, Air, H₂, He, Ar, O₂, CO₂, etc.

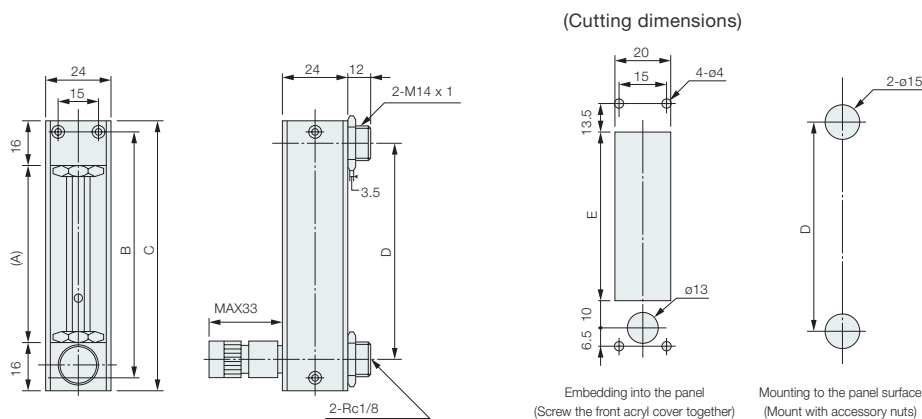
Max. flow rate Gas 1 to 20L/min

Accuracy ±5% F.S.

■ Compact design



Dimensions



Dimensions by length code

Part	Code	08	10	12	15
A		48	68	88	118
B		74	94	114	144
C		80	100	120	150
D		61	81	101	131
E		44	64	84	114

Standard Specifications

MODEL	RK1600R
Applicable fluids	N ₂ , Air, H ₂ , He, Ar, O ₂ , CO ₂ , etc.
Max. flow rate (Air atm condition)	1, 2, 3, 5, 10, 15, 20L/min
Effective scale	10:1
Accuracy	±5% F.S.
Proof pressure	5L/min or less: 0.7MPa(G) 10L/min or more: 0.5MPa(G)
Max. working temperature	60°C
Materials of parts in contact with fluid	S: SUS304, Hard glass, FKM, PCTFE, SUS316, SUS303, (PTFE) B: Brass, Hard glass, NBR, POM, SUS316, SUS303, (PTFE)
Connection	Rc1/8
Weight	Approx. 250g

* Of the materials of parts in contact with fluid, what is in () depends on the manufacturing specification condition.

Ordering

MODEL	Total length	Block material	Connection	Fluid	Max. flow rate	Supply pressure
RK1600R	08: 80mm 10: 100mm 12: 120mm 15: 150mm	S: SUS304 B: Brass	1/8: Rc1/8			
RK1600R	12	S	1/8	Air	2L/min	0.1MPa

* The needle valve is for flow control, so in order to stop the flow, install a stop valve additionally. If the needle valve is turned more than necessary, the product may be damaged.

* In the case of 2L/min or less, flow rate control may become unstable depending on the pressure condition.