

MODEL RK1400 SERIES



Applicable fluids Gas N₂, Air, H₂, He, Ar, O₂, CO₂, etc. Liquid H₂O

Max. flow rate Gas 5mL/min to 100L/min Liquid 5mL/min to 2L/min

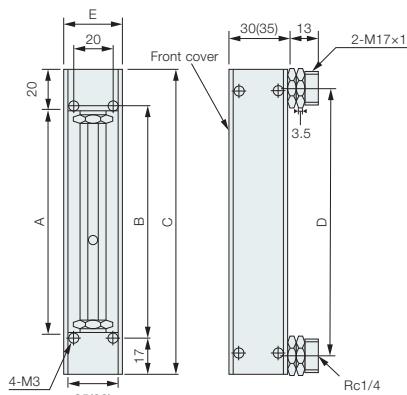
Accuracy $\pm 2\%$ F.S.

- Available for a wide range of flow rate from minute flow
- High-accuracy measurement of $\pm 2\%$ F.S. or better
- Wide variations suitable for various conditions of use

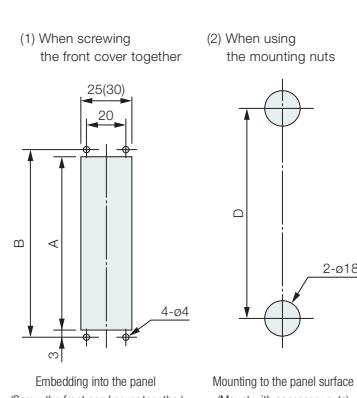


Dimensions

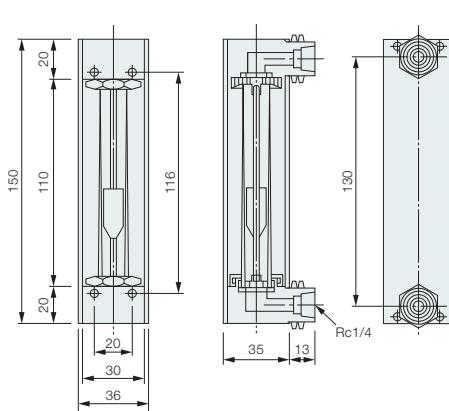
<<Other than right dimension drawing>>



(Cutting dimensions)



<<Air 60 to 100L/min>>

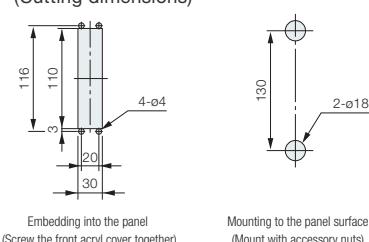


* Dimensions in () are for Air-50L/min.

Dimensions by length code

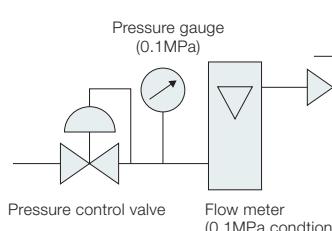
Part	Code	12	15	20	25
A	80	110	160	210	
B	86	116	166	216	
C	120	150	200	250	
D	100	130	180	230	
E	29(36)	29(36)	31(36)	31(36)	

(Cutting dimensions)

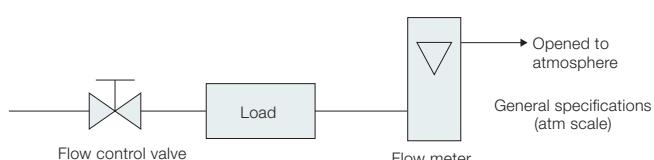


Mounting to the panel surface
(Mount with accessory nuts)

Example of use



Load pressure is applied
(Load pressure scale)



General specifications
(atm scale)

Standard Specifications

MODEL	RK1400																							
Applicable fluids	N ₂ , Air, H ₂ , He, Ar, O ₂ , CO ₂ , etc.												H ₂ O											
Max. flow rate (Air atm condition for gas)	5mL/min to 100L/min (See the Capacity Table below)												5mL/min to 2L/min (See the Capacity Table below)											
Effective scale	10:1												±2%F.S.											
Proof pressure	100mL/min or less: 1MPa(G) 5L/min or less: 0.7MPa(G) 10L/min or more: 0.5MPa(G)												5mL/min or less: 1MPa(G) 150mL/min or less: 0.7MPa(G) 200mL/min or more: 0.5MPa(G)											
Max. working temperature	60°C																							
Materials of parts in contact with fluid	SS: SUS316, Hard glass, FKM, (PTFE, PCTFE) B: Brass, Hard glass, NBR, SUS316, (PTFE, POM)																							
Connection	Rc1/4																							
Weight	Approx. 400g																							

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

Capacity Table

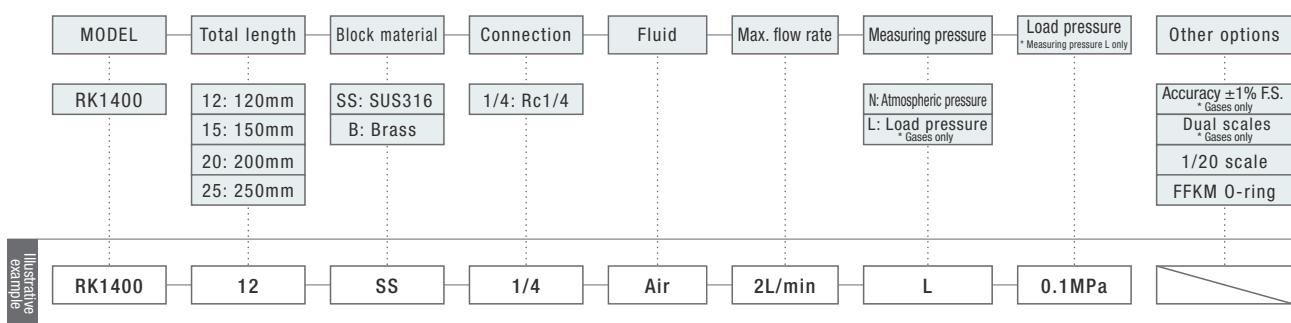
Air (atmospheric pressure)

Max. flow rate Total length	5 mL/min	10 mL/min	20 mL/min	30 mL/min	50 mL/min	100 mL/min	150 mL/min	200 mL/min	300 mL/min	500 mL/min	1 L/min	2 L/min	3 L/min	5 L/min	10 L/min	15 L/min	20 L/min	30 L/min	50 L/min	100 L/min
	120mm	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
150mm	—	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
200mm	—	—	—	—	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—
250mm	—	—	—	—	—	○	○	○	○	○	○	○	○	○	○	○	○	○	○	—

H₂O

Max. flow rate Total length	5 mL/min	10 mL/min	20 mL/min	30 mL/min	50 mL/min	100 mL/min	150 mL/min	200 mL/min	300 mL/min	500 mL/min	1 L/min	2 L/min
	120mm	○	○	○	○	○	○	○	○	○	○	—
150mm	○	○	○	○	○	○	○	○	○	○	○	○
200mm	○	○	○	○	○	○	○	○	○	○	○	—
250mm	○	○	○	○	○	○	○	○	○	○	○	—

Ordering



* Possible to manufacture with a scale of 0.5mL/min to 3mL/min (air at atmospheric pressure) only for total length of 120mm.