

Flow Meter with Stand

MODEL RK1310 SERIES NEW



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

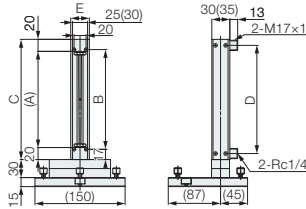
Accuracy ±2% F.S.

- With stand
- Available for minute flow rate as well
- High-accuracy measurement of ±2% F.S. or better
- Superior control performance by non-rotating precision needle valve
- Upper needle valve type available

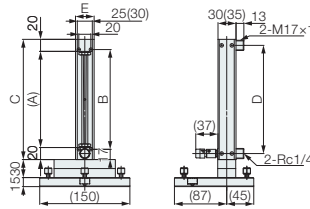


Dimensions

<<RK1310-0, Air atm, 10mL/min to 50L/min>>



<<RK1310-V, Air atm, 10mL/min to 50L/min>>

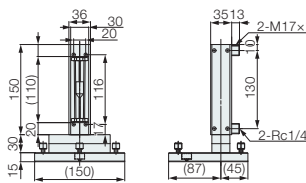


Dimensions by length code

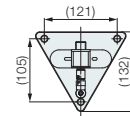
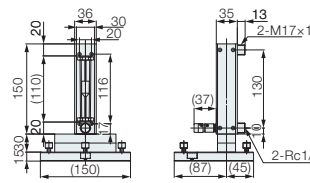
Part Code	12	15	20	25
A	80	110	160	210
B	86	116	166	216
C	120	150	200	250
D	100	130	180	230
E	29(36)	29(36)	31(36)	31(36)

* Dimensions in () are for Air-50L/min and H₂O-2L/min.

<<RK1310-0, Air atm, 60 to 100L/min>>



<<RK1310-V, Air atm, 60 to 100L/min>>



* Dimensions of the stand are common.

Standard Specifications

MODEL	RK1310	
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 of RK1200 and RK1400)	5mL/min to 2L/min (See the Capacity Table of RK1200 and RK1400)
Effective scale	10:1	
Accuracy	±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, PCTFE, (PTFE) B: Brass, Hard glass, NBR, POM, SUS316, (PTFE)	
Connection	Rc1/4	

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

Ordering

<with needle valve type>

MODEL	Needle valve	Total length * Stand not included	Block material	Connection	Fluid	Max. flow rate	Supply pressure	Outlet pressure
RK1310	VD: at bottom VU: at top	12: 120mm 15: 150mm 20: 200mm 25: 250mm	SS: SUS316 B: Brass	1/4: Rc1/4				

solution analysis

RK1310	VD	20	SS	1/4	N ₂	10L/min	0.1MPa	0MPa
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<without needle valve type>

MODEL	Needle valve	Total length * Stand not included	Block material	Connection	Fluid	Max. flow rate	Measuring pressure	Load pressure
RK1310	0: No	12: 120mm 15: 150mm 20: 200mm 25: 250mm	SS: SUS316 B: Brass	1/4: Rc1/4			N: Atmospheric pressure L: Load pressure	* Measuring pressure L only

solution analysis

RK1310	0	20	SS	1/4	N ₂	10L/min	L	0.1MPa
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