



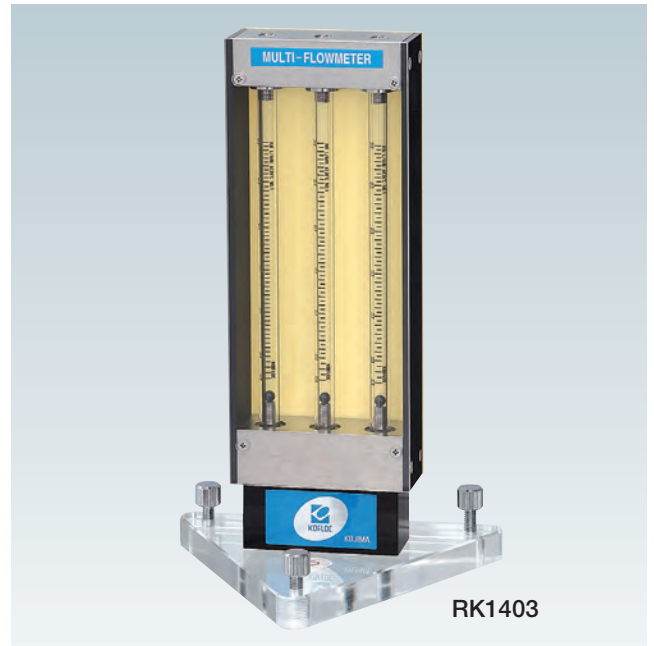
Multiple Flow Meter (for Precision Measurement for Laboratory)

MODEL RK140X SERIES

This multiple flow meter is made by combining several types of flow meter for control of various flows in a laboratory. It is designed based on the RK1400, a high-precision flow meter with high performance. It is recommended to install one unit to facilitate flow measurement in the laboratory.

Features

- **Multiple measurements of two to four flow meters**
Two to four flow meters can be attached to one unit to permit control of various gases in various flow ranges.
- **Various flow ranges**
The flow meter can measure a variety of flows ranging from the very small flow of full-scale 5 ML/MIN to 20 L/MIN.
- **High-precision measurement**
This flow meter is provided with a flow meter tube equivalent to that of the precision flow meter RK1400, permitting high-precision measurement at $\pm 2\%$ F.S.
- **Stand convenient for measurement**
The model has a stand with a level adjuster for convenient use in a laboratory.
- **For measurement of multiple components**
- **For measurement of multiple ranges**
- **Flow checker in laboratories**



RK1403

Standard Specifications

Fluids	Air, N ₂ , O ₂ , H ₂ , He, Ar, CO ₂ (Calibration with actual gas) For other gases, please consult us regarding conversion conditions or calibration with the actual gas to be used.
Flow range	From 0.5–5 ML/MIN to 2–20 L/MIN (Refer to the Capacity Table on page 65.) * Optional: 0.5–3 ML/MIN
Accuracy	FS $\pm 2\%$ (Measurement point) * Optional: FS $\pm 1\%$ (Measurement point)
Proof pressure	0.5MPa

Material	SS	BS
Body block	SUS316	Brass
Tapered tube	Pyrex®	
Packing	FKM * Option (1)	NBR
Float	Pyrex, SUS316	
Protective cover	Acrylic resin	
Temperature resistance	MAX60°C	
Connection	Rc 1/4 (Standard), Rc 1/8 (Optional)	

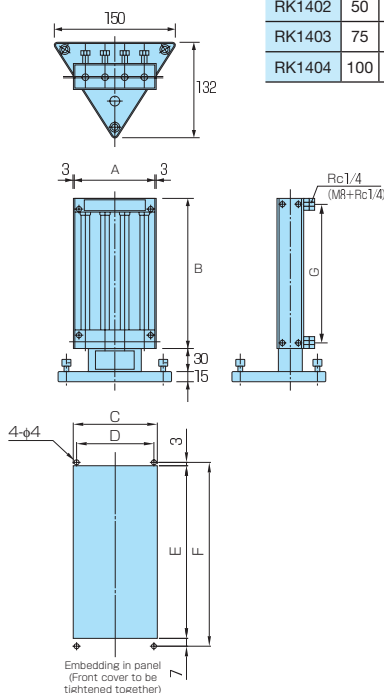
* Option (1): Fluorocarbon resin, Kalrez, Perfluoro, etc.

Dimensions

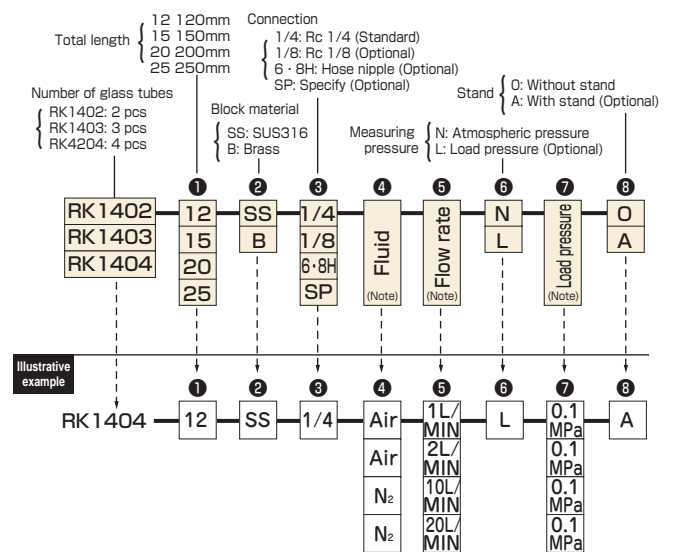
Dimensions of each part

Model	A	B	C	D
RK1402	50	120	150	200
RK1403	75	120	150	200
RK1404	100	120	150	200

	E	F	G
B=120	74	84	100
B=150	104	114	130
B=200	154	164	180
B=250	204	214	230



Ordering



(Note) Specify the flow rates in increasing order from the left, as many as the number of glass tubes for (4), (5), and (7).

* 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.