



# Flow Meter for Gas Mixing

## MODEL RK120XM SERIES

The flow meter for gas mixing uses a KOFLOC multiple flow meter to mix multicomponent fluids. Connection of pipes to respective gas inlets and the mixed gas outlet permit gases to be mixed. This flow meter is ideal for easy gas mixing in laboratories and studies.

### Features

- The simple structure facilitates maintenance.
- The precision needle valve allows easy, fine control of flow.
- All the parts are super-cleaned to ensure excellent cleanliness.
- The flow meter is made into two- to four-component types to handle various gases in various flow ranges.



RK1203 M

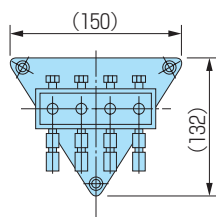
### Standard Specifications

Fluids	Air, N <sub>2</sub> , O <sub>2</sub> , H <sub>2</sub> , He, Ar, CO <sub>2</sub> (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 5–50 ML/MIN to 1–10 L/MIN 10 L/MIN or less per line and 20 L/MIN or less in total (Refer to the Capacity Table on page 55.)
Accuracy	FS ±2% (Measurement point) * Optional: FS ±1% (Measurement point)
Proof pressure	0.5MPa
Available scale	10:1 * Optional 20:1

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

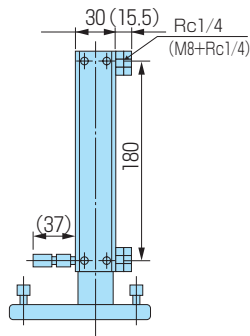
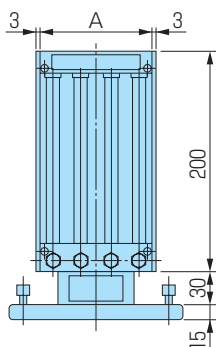
\* Option (1): Fluorocarbon resin, Kalrez, Perfluoro, etc

### Dimensions

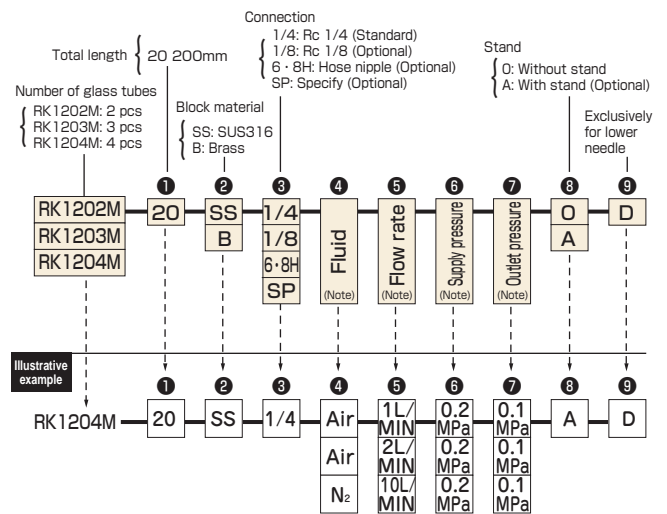


#### Dimensions of each part

Model	Dimension A
1202M	50
1203M	75
1204M	100



### Ordering



(Note) Specify the flow rates in increasing order from the left, as many as the number of glass tubes for (4), (5), (6), 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.