

Flowmeters Fitted on Desks

The **RA** is a rack type housing for rotameters fitted with hose connection insert. It is a footed structure used mainly in schools and laboratories where they are fitted on top of desks. The two C"1/4 connections horizontally located at the rear of the structures, can be fitted to any systems by means of certain accessories. The housing is made of POM-C with stainless steel back panel, and chrome plated brass connections. The easily replaceable measuring tube and the design make this flowmeter ideally usable in laboratories.

Measurable media (except for water and air):

Most of the gases, light organic and non-organic acids, concentrated salt solutions, organic liquids etc., against which the PVC is resistant.

Max. pressure: 6 bar

Max temperature: 60°C

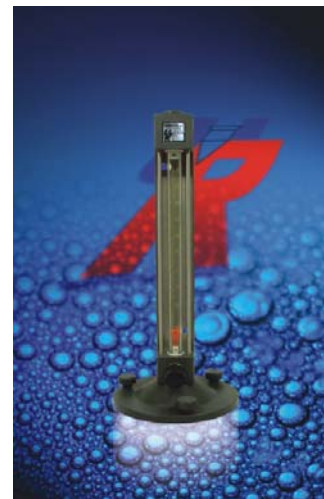
Minimum pressure demand:

Depending on the measuring range

for liquid: 0,05...1 bar

for gases: 0,01...0,2 bar

type	needle valve	max. measurable flow		built-in size	connection
		20°C water	20°C air 1,013 bar		
RA-01	with	...100 l/h	...2 Nm ³ /h	190	- restrictors (C"1/4 ÷ C"1/8)
RA-11	without				- Pipe connections to plastic and metal pipes
RA-02	with	...100 l/h	...2 Nm ³ /h	250	- Hose connections
RA-12	without				- Push-on connections



The lower measuring point of the measuring tubes is generally 10% of the top measuring point.

In the case of media whose density and viscosity are significantly different from that of water of 20°C and air of 20°C with 1,013 bar (abs), the limits of measurement ranges may vary **significantly** both in positive and negative directions.