

Low Flow Rotameters

10A1250 Series

High Capacity Purgemeter

- Glass tube for best repeatability and accuracy.

One basic body design allows for valve on inlet or outlet which cannot accidentally be removed while meter is in service.

Polycarbonate shield affords personnel protection in event of accidental tube breakage.

Horizontal connections facing rear for installation in pipeline or front or rear of panel.

SPECIFICATIONS

Accuracy: ± 10% of full scale

Repeatability: 1% of full scale

Scales Length: 3-inch

Scales: Percent for Air and Water. Special scales optional.

Connections: 3/8" NPTI

Materials of Construction:

End Fittings: Brass or 316 SST

Valve Stem: 17-4 pH SST

Tube: Borosilicate glass

O-rings: Buna "N" or Viton

Float: 316 SST

Frame: Steel painted black

Shield: Polycarbonate

Temperature limit: 32°F to 250°F
(0°C to 121°C)

Pressure limit: 250 psig at 100°F
(1700 kPa at 38°C)

Dimensions:

Center to Center — 7"

Overall — 8 3/8"

Options & Accessories

Not for quick shipment

Direct Reading Tubes

Optional Calibrated Accuracy

Rear Panel Mounting Hardware

How to Order

1. Determine air or water equivalent from pages 36 & 37.
2. Specify model number.
3. Give maximum flow rate and fluid density, viscosity, temperature and pressure if percent scale or special direct reading scale is specified.

For complete technical data please see Fischer & Porter SPECIFICATION 10A1250

Model Number

	10A125	A						
Materials								
Brass & Buna-N	1							
316 Stn. Stl.	2							
Valve Option								
None		A						
Valve on Outlet		M						
Valve on Inlet		N						
Mounting								
In-Line or Front Panel			Y					
Rear Panel			Z					
Maximum Capacity								
gpm water or scfm air from								
Table 1 - use code from table								
Other Fluids						X X		
Type of Scale								
Percent							1	
Direct Reading (Table 1)							2	
Direct Reading Special							3	
Calibration								
Class A-N ± 10% Full Scale								A
Class BTY ± 4% Full Scale								B

Table I — Capacities

Standard Maximum Capacities
(Percent or Direct Reading)

Liquid		Gas	
C.P.M. Water	Model No. Code	scfm Air at 14.7 PSIA & 70°F	Model No. Code
0.75	01	3.0	20
1.0	02	4.2	21
1.5	03	6.0	22
2.0	04	8.5	23
3.0	05	13.0	24
4.0	06	18.0	25
5.0	07		