

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		