

7620 Series - Glass Tube



An economical alternative to stainless case construction, these meters feature a borosilicate glass tube with an acrylic housing. Optional Hastelloy 276-C internals and CPVC ends offer greater chemical resistance.

Description

Metering Tube Borosilicate Glass

Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy C-276®

Inlet/Outlet Fittings NPT, Vertical

Fitting Material

Standard: PVC

Optional: CPVC

Elastomers

Standard: Viton

Optional: Buna N, EPR, and Kalrez®

Case and Covers Not applicable

Options

Alarm Not available

Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit



Performance

Capacities 1.5 to 25 GPM — Water

Scale 127 mm (5") Direct reading

Accuracy

± 3% of Full Scale Flow

Turndown

10:1 to 12.5:1 unless otherwise indicated

Repeatability .5%

Max Temperature

PVC Fittings — 110° F (43° C)

CPVC Fittings — 140° F (60° C)

Max Pressure 100 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)



Liquid Compatible

Materials Of Construction

Part	Standard	Optional
Meter Tube	Borosilicate Glass	—
Float	316L SS	Hastelloy® C-276
Guide Rod	316L SS	Hastelloy® C-276
Fittings	PVC	CPVC
O-Rings	Viton®	EPR, Buna-N, Kalrez®
Shields	Acrylic	—
Float Stops	PVC	316L SS

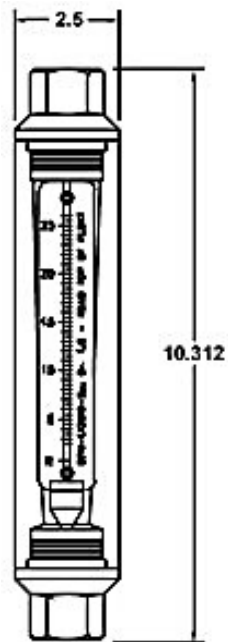
Specifications

Order Number	Flow Water	Float Number	Tube Size
51W	1.5 GPM	3/4-LPG-01	5G
52W	3.8 GPM	3/4-GSG-01	5G
53W	5.0 GPM	3/4-SLG-01	5G
61W	6.0 GPM	1-GVP-01	6P
62W	7.4 GPM	1-GVP-02	6P
63W	9.6 GPM	1-GSP-01	6P
64W	11.0 GPM	1-GSP-02	6P
65W	14.0 GPM	1-GSP-03	6P
66W	20.0 GPM	1-SLP-01	6P
67W	26.0 GPM	1-SLP-02	6P

Footnotes:

Tubes with the designation "G" (e.g. 5G) have rib guided floats. Tubes designated "P" (e.g. 6P) have pole guided floats.

Dimensions (Inches)



Connection Size: 1" (FNPT)

Ordering:

Use the following guide to determine the specific product number you require.

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Meter Series

Fitting Material

Float Material

O-Ring Material

Alarm Option

Order Number

PVC - 3

CPVC - 4

316L SS - 2

Hastelloy® 276-C - 4

EPR - 1

Buna-N - 2

Viton® - 3

Kalrez® - 4

Not Available

See Specifications Table

Example: 762 - 3 - 2 - 3 - 0 - 53W

King Instrument Company

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