

## 7100 with Flange Connections

All 316L stainless steel construction makes this meter suitable for low-flow, high-pressure applications.



Flange Connection and Threaded Fittings For Easy Replacement

### DESCRIPTION

**Metering Tube:** 316L SS

**Internal Component:** 316L SS, Hastelloy® C-276

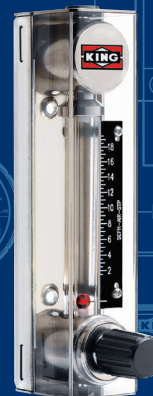
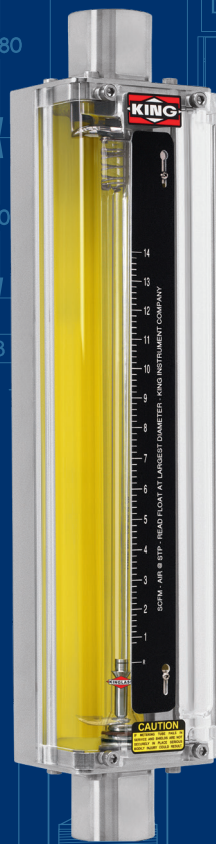
**Case and Side Cover:** Die cast aluminum

**Fitting Material / Type:** 316L SS 1/4" FNPT, horizontal

**Scale Cover:** 304 SS frame annealed glass window

**O-Ring:** EPR, Buna N, Kalrez®

See our website for complete specs:  
[www.kinginstrumentco.com](http://www.kinginstrumentco.com)



**New!**

## Visit Our Website For More Information!

- Detailed Specifications
- Alarm & Sensor Options
- PDF Data Sheets
- Meter Selection Guide
- Flowmeter Sizing
- Calibration Services
- Ordering Information
- And More

### New features of the 7710, 7720, 7750

- New O-ring sealed indicator housing design
- New color for easier maintenance
- High contrast, easy-to-read dial face
- RoHS-compliant Chemfilm coating for corrosion resistance

King Flowmeters are Designed, Manufactured, and Tested in the U.S.A.  
ISO 9001:2008 Quality Management System

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**KING INSTRUMENT COMPANY**  
When it comes to flow...we're instrumental.

## Stainless Steel Meters (also available in Hastelloy and Monel)



### 7100 Series

- Low flow, high pressure applications; CRNs available
- 400°F maximum temperature; up to 600 psig maximum pressure
- Magnetically coupled dial display; 60mm scale
- 0.16 to 25 gph water; 1 to 120 scfh air
- Available with flange connections



### NEW 7710 Series

- Superior accuracy & versatility at an excellent value; CRNs available
- Offered with NPT or flange connections; 4-20mA output available
- Magnetically coupled dial display; 120mm dual scale
- 0.55 to 450 gpm water; 4 to 100 scfm air



### NEW 7750 Series

- 250mm end-to-end length with flange connections; CRNs available
- Welded construction, no elastomeric O-rings used
- 4-20mA transmitter output available; 120mm detachable scale
- 0.55 to 16.5 gpm water; 2.2 to 76 scfm air

## Borosilicate Glass Meters



### 7430 Series

- Low flow, gas purge applications; alarm options available
- 250°F maximum temperature; 200 psig maximum pressure
- 65mm or 150mm detachable, direct reading scales
- Horizontal connections; designed for panel mounting
- 0.72 to 1,800 cc/min water; 66 to 70,000 cc/min air



### 7440 Series

- Low flow, gas purge, chemical dosing applications; alarm available
- 250°F maximum temperature; 200 psig maximum pressure
- 65mm or 150mm detachable, direct reading scales
- Vertical connections and stainless steel frame
- 0.72 to 1,800 cc/min water; 66 to 70,000 cc/min air



### 7450 Series

- Sturdy side plate construction; material options for chemical resistance
- Panel-mountable with optional control valve
- 75mm or 150mm detachable direct reading scales
- 0.48 to 7.4 gpm water; 2 to 20 scfm air



### 7459 Series

- Sturdy side plate construction with polycarbonate shield
- High accuracy meter; 250mm detachable, direct reading scale
- 250°F maximum temperature; 350 psig maximum pressure
- 0.22 to 100 gpm water; 0.9 to 350 scfm air



### 7460 Series

- Excellent value in utility glass meter in stainless steel case
- In-line FNPT connections; 75mm detachable, direct reading scale
- 0.5 to 25 gpm water; 2 to 14 scfm air



### 7470 Series

- Excellent value in municipal glass meter in stainless steel case
- In-line FNPT connections; 127mm detachable, direct reading scale
- 0.25 to 116 gpm water; 1 to 245 scfm air



### 7480 Series

- Excellent value in high-flow glass meter in stainless steel case
- In-line FNPT connections; 250mm detachable, direct reading scale
- 0.22 to 132 gpm water; 0.9 to 350 scfm air



### 7610 Series

- Versatile and exceptionally durable, fully enclosed glass meter
- In-line connections; material and alarm options
- 127mm detachable direct reading scale
- 0.25 to 116 gpm water; 1 to 245 scfm air



### 7650 Series

- Designed for chemical resistance and purity
- Stainless steel tie rod frame for added safety
- 80mm direct reading scale
- 0.25 to 26 gpm water; Liquid Service Only



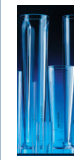
### 7910 Series

- 70 flow ranges in 7 tube sizes; 250mm scale
- Stainless steel case with dual port connections for ease of installation
- 200°F maximum temperature; 300 psig maximum pressure
- 0.22 to 132 gpm water; 0.9 to 350 scfm air



### Silver Series

- Removable glass metering tube for ease of maintenance
- 35 flow ranges in 6 tube sizes; 200mm and 250mm scales
- Vertical or horizontal NPT or Flange connections
- 0.23 to 85 gpm water; 1.15 to 285 scfm air



### King Glass

King Instrument Company manufactures borosilicate glass metering tubes. These are used exclusively in all Kinglass models. Ask us about custom borosilicate glass solutions for your customers.

## Acrylic, Polysulfone & PVC Meters



### 7200 Series

- Low cost, low maintenance applications where quality is important
- Precision machined and polished acrylic meter with 127mm scale
- In-line 3/8" to 2" NPT connections
- 1 to 200 gpm water; 4 to 245 scfm air



### 7310 Series

- An economical polysulfone meter in a stainless steel case
- Stainless steel, Hastelloy or Teflon wetted parts
- 127mm detachable, direct reading scale
- 0.5 to 160 gpm water; 6.1 to 330 scfm air



### 7330 Series

- Union ends for ease of installation; available with alarm options
- Stainless steel, Hastelloy or Teflon wetted parts
- 127mm detachable, direct reading scale
- 0.5 to 160 gpm water; Liquid Service Only



### 7510 & 7511 Series

- Block type, precision machined and polished acrylic meter
- Panel mount with in-line connections
- 50mm, 75mm, 100mm, 127mm, 250mm scales
- 0.12 to 20 gpm water; 0.04 to 60 scfm air



### 7520 & 7530 Series

- Block type, precision machined and polished acrylic meter
- Panel mount with horizontal connections & optional metering valve
- 50mm, 75mm, 100mm, 127mm, 250mm scales
- 0.12 to 20 gpm water; 0.04 to 60 scfm air



### NEW 7720 Series

- Unique, Type 1, Grade 1 all PVC meter; NPT or flange connections
- Hastelloy wetted parts for corrosive applications
- 120mm detachable, direct reading scale; 4-20mA output available
- 0.55 to 450 gpm water; Liquid Service Only