King Flowmeters are Designed, Manufactured, and Tested in the U.S.A.

ISO 9001:2008 Quality Management System

Flowmeters

More Styles, Sizes, Features And Options

7100 with Flange Connections
All 316L stainless steel construction makes this meter suitable for low-flow, high-pressure applications.

DESCRIPTION
Metering Tube: 316L SS
Internal Component: 316L SS, Hastelloy® C-276
Case and Side Cover: Die cast aluminum
Fitting Material / Type: 316L SS ¼” 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

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

See our website for complete specs: www.kinginstrumentco.com

Ph: (714) 891-0008  Fx: (714) 891-0023
12700 Pala Drive, Garden Grove, CA 92841

Rev. 5/20

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Rev. 5/20
### 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

- **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

- **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

- **7470 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

### 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

- **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

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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.

www.kinginstrumentco.com