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®

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 Chemfil coating for corrosion resistance

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

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

www.kinginstrumentco.com

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12700 Pala Drive, Garden Grove, CA 92841
www.kinginstrumentco.com

www.kinginstrumentco.com
### Stainless Steel Meters (also available in Hastelloy and Monel)

<table>
<thead>
<tr>
<th>Series</th>
<th>Characteristics</th>
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</table>
| 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 gph water; 4 to 100 scfh air |
| NEW 7760 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 gph water; 2.2 to 76 scfh air |

### Borosilicate Glass Meters

<table>
<thead>
<tr>
<th>Series</th>
<th>Characteristics</th>
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</table>
| 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 |
| NEW 7740 Series | - Excellent value in utility glass meter in stainless steel case  
- In-line FNPT connections; 75mm detachable, direct reading scale  
- 0.25 to 25 gph water; 2 to 14 scfh 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 gph water; 2 to 20 scfh air |

### Acrylic, Polysulfone & PVC Meters

<table>
<thead>
<tr>
<th>Series</th>
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</table>
| 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 gph water; 4 to 245 scfh 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 gph water; 6.1 to 330 scfh air |
| NEW 7730 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 gph water; Liquid Service Only |
| 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. |

### Silver Series

<table>
<thead>
<tr>
<th>Series</th>
<th>Characteristics</th>
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</thead>
</table>
| 7470 Series | - Magnetically coupled dial display; 120mm dual scale  
- Welded construction, no elastomeric O-rings used  
- 4-20mA transmitter output available; 120mm detachable scale  
- 0.25 to 25 gph water; 2 to 14 scfh air |
| 7459 Series | - Available with flange connections  
- Stainless steel tie rod frame for added safety  
- 80mm direct reading scale  
- 0.25 to 26 gph water; Liquid Service Only |

### NEW 7750 Series

<table>
<thead>
<tr>
<th>Series</th>
<th>Characteristics</th>
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</table>
| 7200 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 gph water; Liquid Service Only |
| 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. |