

FLOMEC® QS200*

**INSERTION ULTRASONIC
FLOWMETER**
(Transit Time Technology)
*Patented Design



**STOP sensing FLOW...
START MEASURING it!**

| | QS200 | CST FSI-T20 | DIC 228IR | AWWA Water Meter |
|---------------------------------------|---|-------------------------------|------------------------------------|--------------------------------------|
| Measurement Technology | Ultrasonic Insertion | Insertion Impeller | Insertion Impeller | Nutating Disk |
| Size | 2 in. | 2 in. | 2 in. | 2 in. |
| Stated Accuracy | 2% of Reading <i>(compared to full scale accuracy)</i> | Not Specified by Manufacturer | 1% of Full Scale | 1.5% of Reading |
| Low Flow | 1 GPM (3.8 L/min) | 2.8 GPM (10.6 L/min) | 5 GPM (18.9 L/min) | 1.5 GPM (5.7 L/min) |
| Low Flow Reading Accuracy | .98-1.02 GPM (3.7-3.9 L/min) | Not Specified by Manufacturer | 2-8 GPM (7.6-30.3 L/min) | 1.47-1.53 GPM (5.6-5.8 L/min) |
| High Flow | 150 GPM (567.8 L/min) | 170 GPM (643.5 L/min) | 300 GPM (1135.6 L/min) | 170 GPM (643.5 L/min) |
| High Flow Reading Accuracy | 147-153 GPM (556.5-579.2 L/min) | Not Specified by Manufacturer | 297-303 GPM (1124.3-1147 L/min) | 168.3-171.7 GPM (637.1-650 L/min) |
| Leak Detection | Yes - Extended leak detection down to 0.1 fps | No | No | No |
| Moving Mechanical Parts That Wear Out | No - Ultrasonic | Yes - Impeller | Yes - Impeller | Yes - Nutating Disk |
| Output Signal | Unscaled Pulse/Kfactor | Unscaled Pulse/Kfactor | Unscaled Pulse/Kfactor | Scaled Pulse |
| LED Light Indicators | Yes | No | No | No |
| Power Indicator | Yes | No | No | No |
| Flow Indicators | Yes | No | No | No |
| NSF Certification | Yes | No | No | No |
| 1 in. PVC Sensor and/or Tee | Yes | No | No | No |

The QS200 is compatible with Data Industrial 1.5 in., 2 in., 3 in. and 4 in. PVC Tees.



A leader in quality flowmeter manufacturing and distribution worldwide.

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