

# Ultrasonic Sensors & Rails

The Permanent  
Ultrasonic Flow Meter  
for the Water Industries



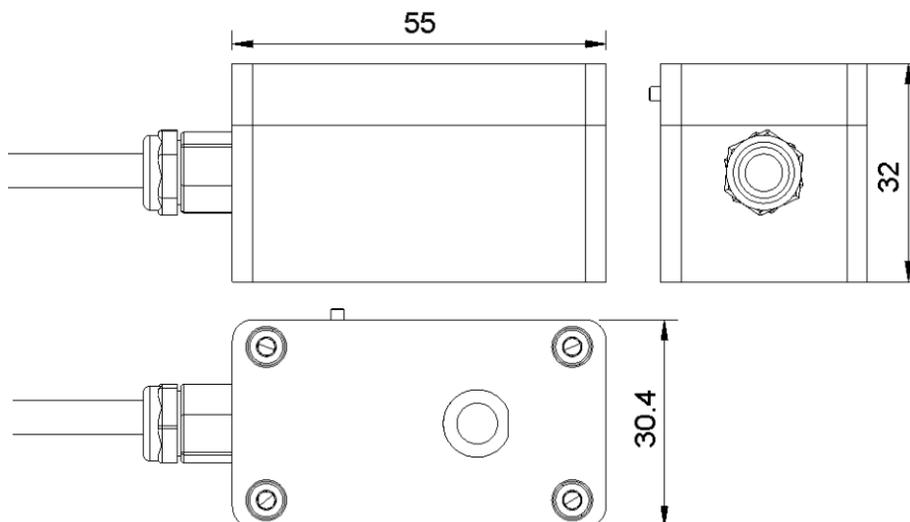
# Standard Sensors

Multi-purpose high performance flow sensor, for use on all pipe materials with diameters in the range of 50 – 2000 mm in both Z & V modes.



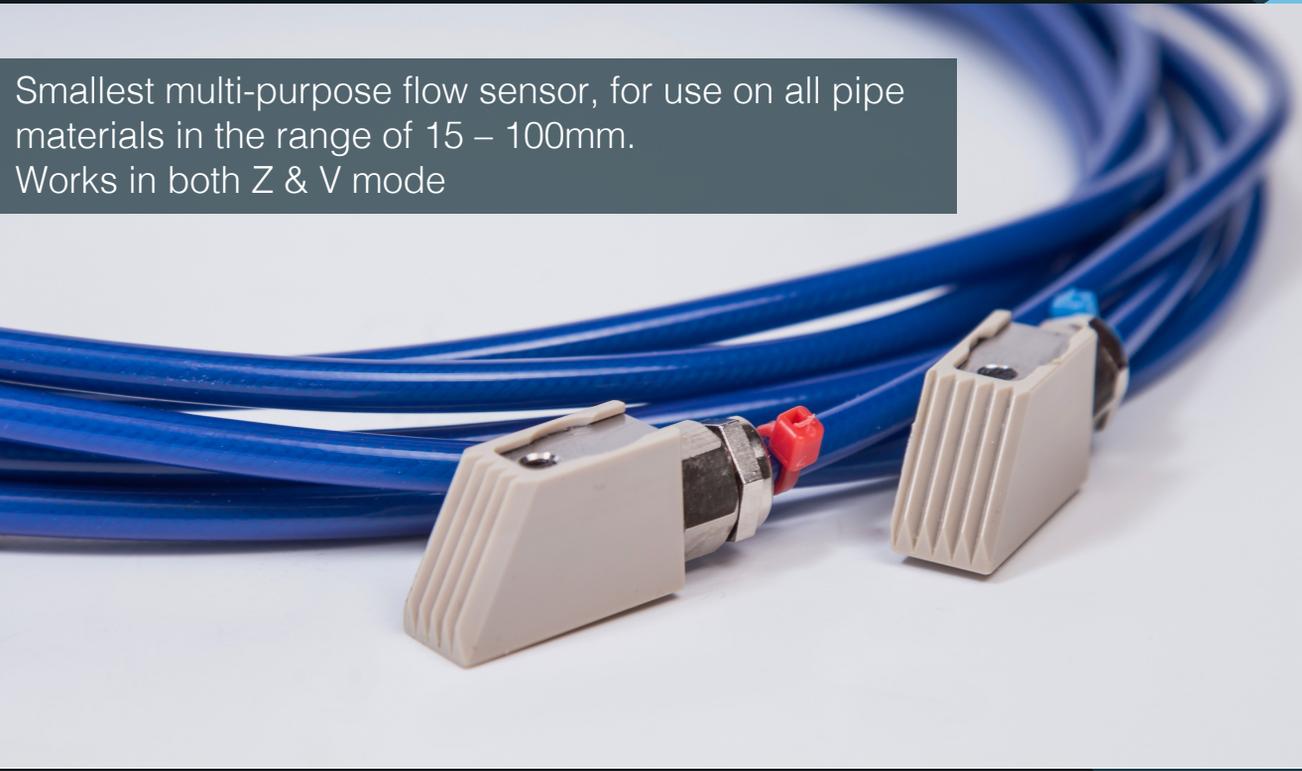
## Technical Data

- Pipe Diameter range: 50 – 2000 mm
- 1 or 2 MHz Piezo-Composite Sensors
- IP68 (10-meter water pressure)
- Robust construction using high performance PEEK thermoplastic material.
- Rugged Polyolefin Cable and Rugged Military Connector
- 3,5,10m cable length options
- Temperature Range: -20 to +100C.



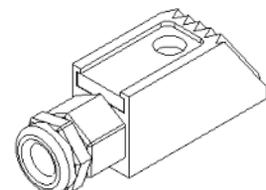
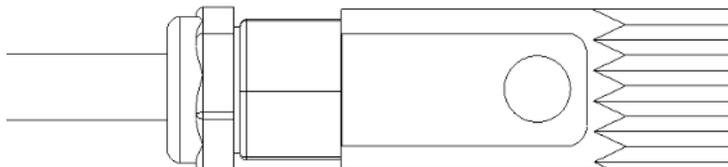
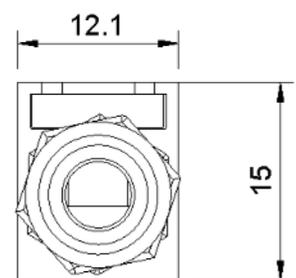
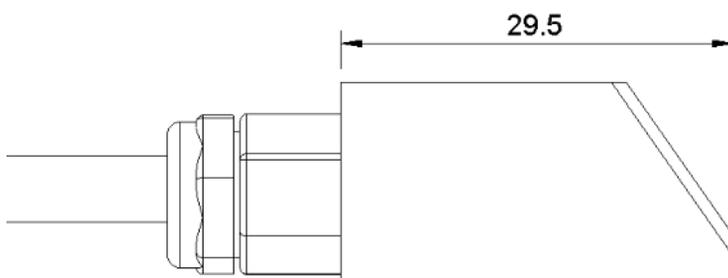
# Mini Sensors

Smallest multi-purpose flow sensor, for use on all pipe materials in the range of 15 – 100mm.  
Works in both Z & V mode



## Technical Data

- Size range: 15 – 100 mm
- 4 MHz Piezo-Composite Sensors
- IP68 (10-meter water pressure)
- Robust construction using high performance PEEK thermoplastic material.
- Rugged Polyurethane Cable and Military Connector
- Temperature Range: -20 to +100C



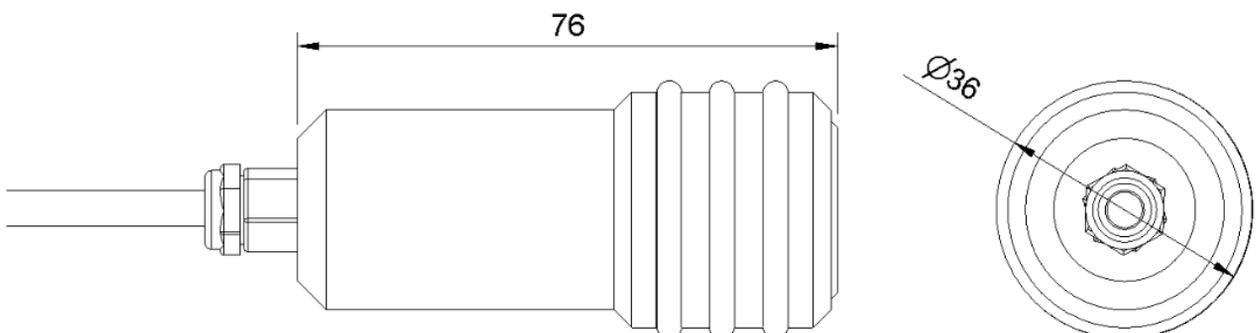
# Thickness Gauge

Pipe wall thickness gauge. It uses an advanced multiple echo technique that ignores coating thickness. For use on all pipe materials in the range of 2 – 50 mm



## Technical Data

- Pipe wall thickness range: 2 – 50 mm
- 4 MHz Piezo-Composite Sensor
- IP68 (10-meter water pressure)
- Robust construction using high performance PEEK thermoplastic material.
- Rugged Polyurethane Cable and Military Connector
- Temperature Range: -20 to +100C.



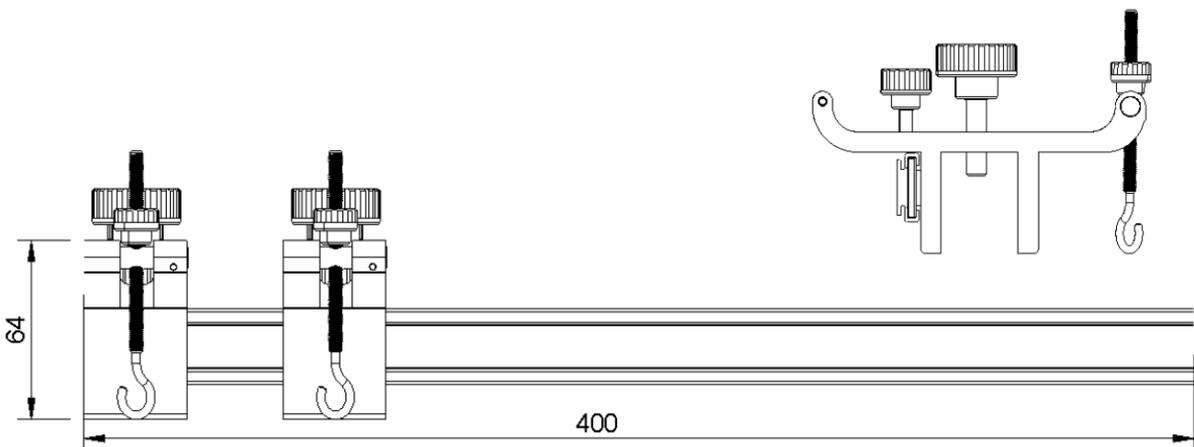
# Standard Rail

The Standard Sensor Rail is for the temporary clamping of the standard sensors. Very fast fit and all stainless-steel construction, with easy to use separation guide.



## Technical Data

- Size Range: 50 – 2500mm
- For use with Standard Sensor:  
• SENSTDXXMX
- Stainless Steel & Anodised
- Alloy Construction
- Proven easy to use chain clamping method



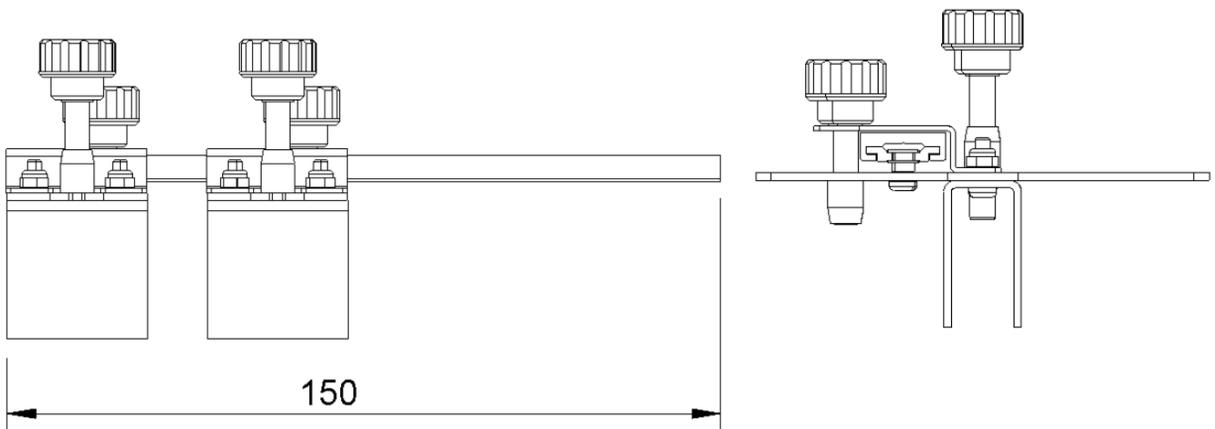
# Mini Rail

The Mini Sensor Rail is for the temporary clamping of the mini sensors. Very fast fit and all stainless-steel construction, with easy to use separation guide.



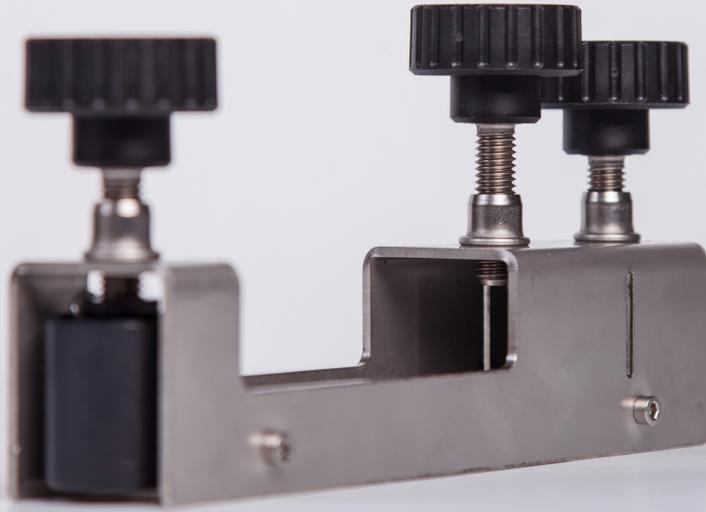
## Technical Data

- Size Range: 15 – 100mm
- For use with Mini Sensor
- All Stainless Steel INOX Construction
- Custom Fast-Fit Clamping easy to use separation guide



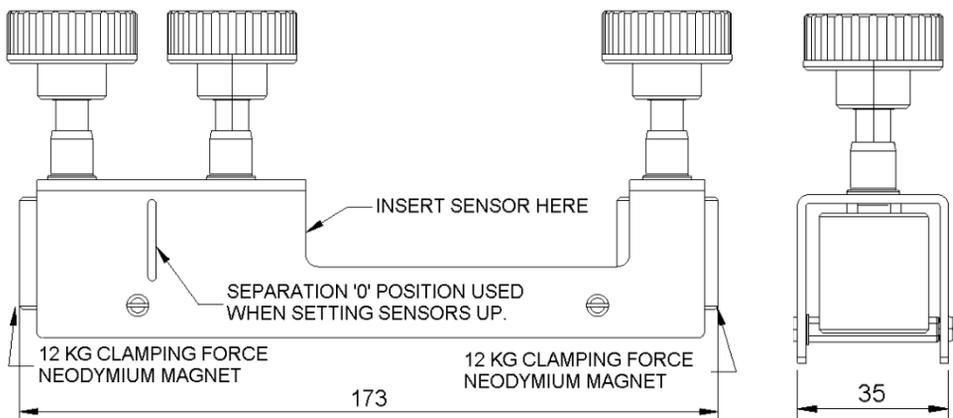
# Magnetic Clamping Blocks

Magnetic Sensor Clamping Blocks are ideal for temporary use on large steel ferrous pipes with the standard sensors in both V & Z modes.



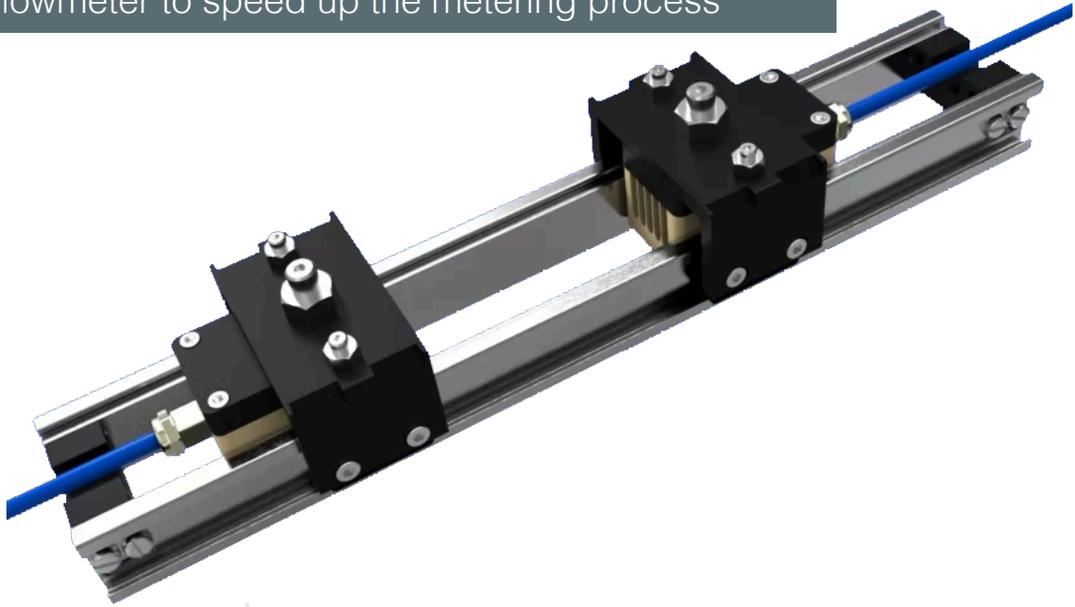
## Technical Data

- Size Range: 50 – 2500mm \*
- For use with Standard Sensor
- Stainless Steel Construction
- Proven easy to use powerful magnetic clamping action



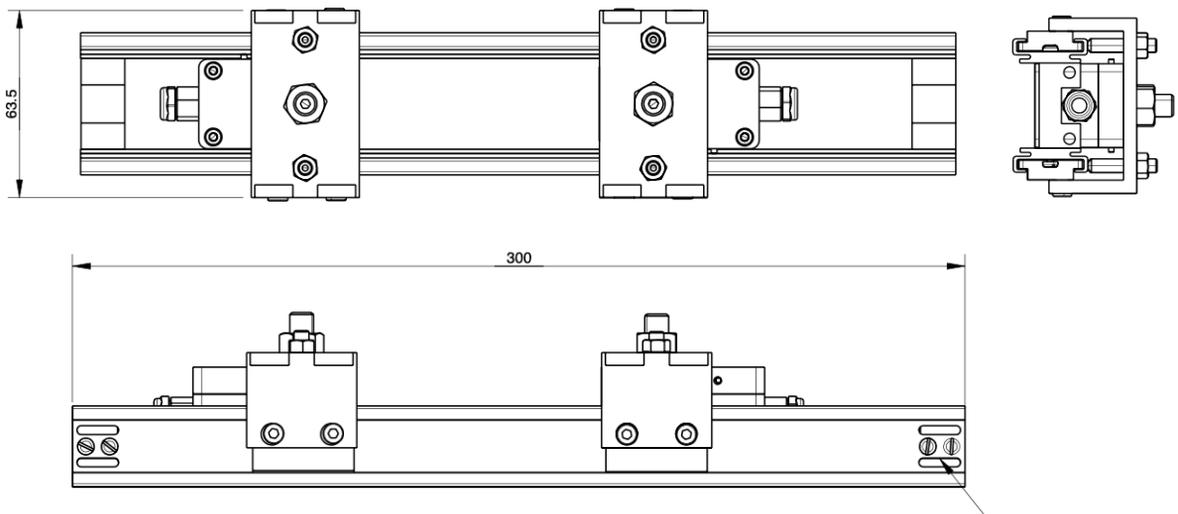
# Permanent Rail

The Permanent Mounting Rail is for the long-term clamping of standard sensors and for frequent repeat visits with a portable flowmeter to speed up the metering process



## Technical Data

- Size Range: 50 – 500mm
- For use with Standard Sensor
- Stainless Steel Construction
- Easily fixed to pipework with a jubilee clip



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