



MX-400 Panel Sensor

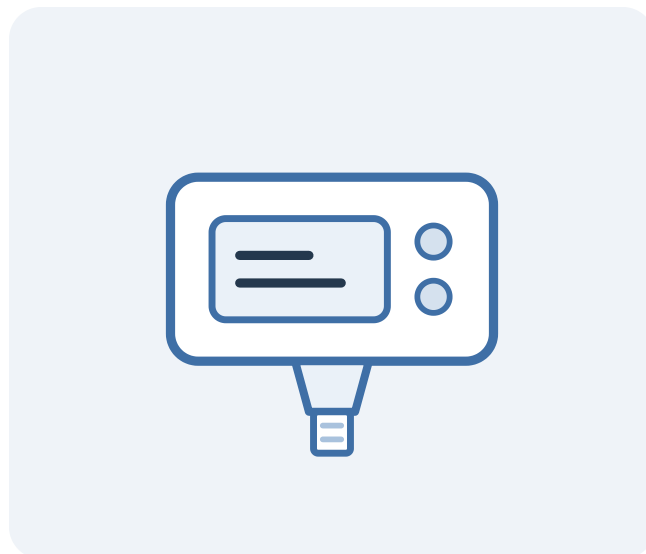
Clamp-on ultrasonic flow meter · $\pm 1\%$ ·
no pipe cutting

Part numbers **HF-720-STD, HF-720-HT, HF-720-EX**

Category **Flow measurement**

Model **HF-720**

The HF-720 clamps onto the outside of any metal or plastic pipe from DN15 to DN600 and measures flow ultrasonically, with no cutting, no downtime and no wetted parts to corrode or clog. A guided wizard has it reading within minutes, and 4–20 mA, pulse and Modbus outputs drop straight into existing control systems.



$\pm 1\%$

OF READING ACCURACY

2 min

GUIDED SETUP

DN15–600

PIPE RANGE

WHY CUSTOMERS CHOOSE IT



No pipe cutting

Clamp-on transducers install on a live pipe, with no shutdown, no welding and no wetted parts.



$\pm 1\%$ of reading

Transit-time measurement with automatic zero and live signal-quality feedback.



Any pipe, DN15–600

The guided wizard sets the sound path from the pipe material and wall thickness.



Drop-in outputs

4–20 mA, pulse and Modbus RTU feed existing PLC, SCADA and totaliser systems.

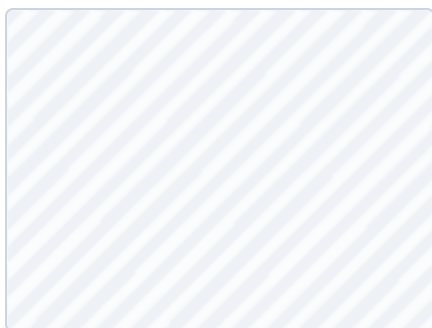
WHERE IT'S USED

District heating & cooling: Energy metering on large mains without breaking into the pipe.

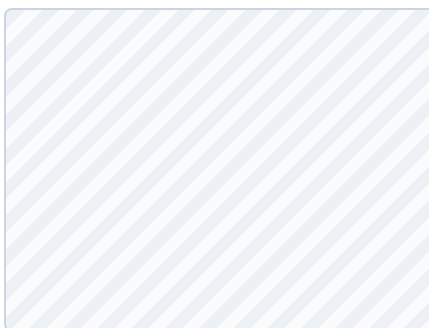
Water & wastewater: Abstraction, distribution and effluent flow on lined or buried pipe.

HVAC & chilled water: Balancing and BTU metering on building services.

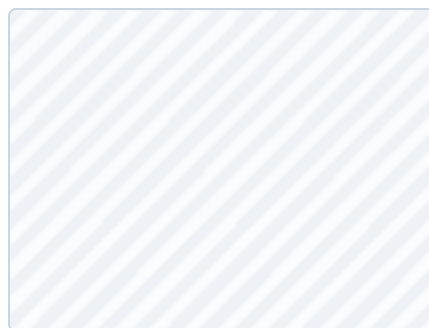
Utility & sub-metering: Temporary or permanent metering where an inline meter isn't practical.



Clamped on a live DN200 main



Guided pipe-setup wizard



Discharge onto plant SCADA

AT A GLANCE

Pipe size range	DN15 – DN600	Outputs	4–20 mA · pulse · Modbus RTU
Pipe materials	Steel, stainless, copper, cast iron, PVC	Data logging	Onboard, > 100 000 records
Accuracy	±1% of reading	Enclosure	IP66 transmitter · IP68 sensors
Repeatability	±0.2%	Power	90–260 VAC or 18–36 VDC
Flow velocity	0.03 – 12 m/s, bidirectional	Fluid temperature	–20 to +120 °C (sensor)
Turndown	100:1	Warranty	3 years



Ready to measure without cutting a pipe?

Book a free on-site flow survey and we'll size the HF-720 to your lines.