

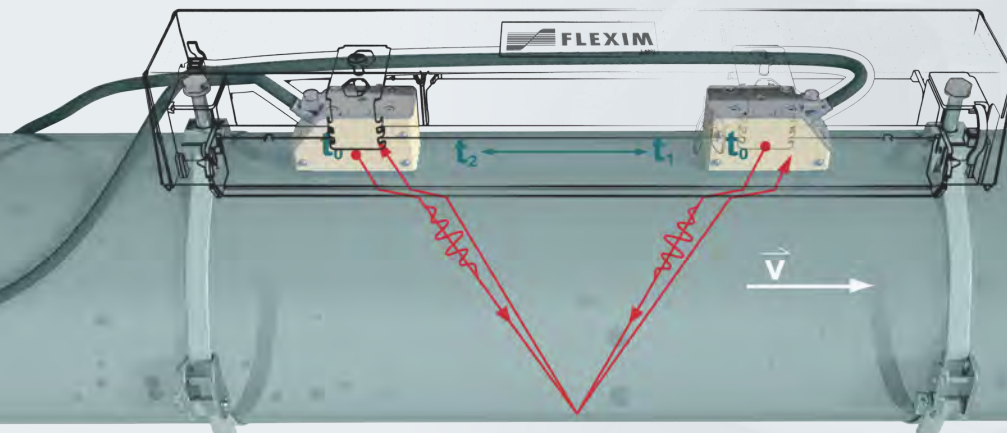
FLUXUS® WD – Significant cost and time saving with buried transducer installations

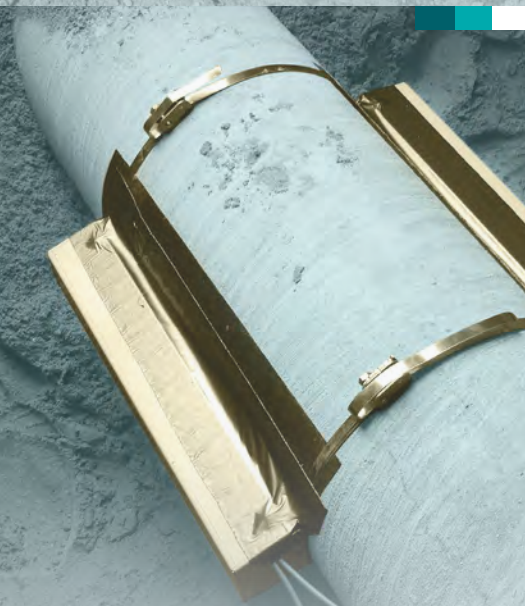
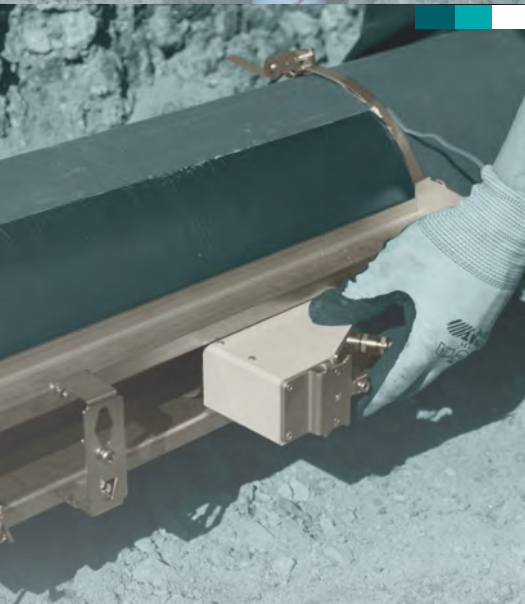
Permanent ultrasonic water flow meter

Reducing the overall costs of new flow measurement points

- No supply interruption, pipe cutting, or flushing required
- All earth and road works achievable in one day
- Less bureaucratic work and fewer permissions required
- Significant overall cost and time saving
- No zero calibration needed and no zero drift
- Extremely accurate technology that measures flow rates as low as 0.03 ft/s
- For detailed technical information on the FLUXUS® WD series see the product brochure (www.flexim.com)

The FLUXUS® WD series is FLEXIM's state-of-the-art ultrasonic flow measurement device for buried transducer installations. It combines absolute durability and robustness of instrumentation with outstanding accuracy and reliability of data. The easy installation process without supply interruption and only minimal excavation work results in significant cost and time savings.





Installation without supply interruption

The FLUXUS® WD series is installed without the necessity of supply interruption. Suppliers never want to interrupt their system and they have many good reasons for this. A supply interruption can have a range of negative effects. Municipalities are committed to inform everyone whose supply will be cut, which is time-consuming and costly. Furthermore, supply interruptions are a cause of annoyance for residents. Industrial sites might even need an alternative water supply solution, because stopping their processes would result in considerable financial damage.

With the FLUXUS® WD series the costs and problems caused by a supply interruption are avoided, as the instrument employs clamp-on transducers and its advanced technology eliminates the need of zero calibration (see FLUXUS® WD brochure for details).

Less earth and road work costs

When creating a new flow measurement point within a water network the main costs are not incurred by the instrument, but by the earth and road work. In order to have enough space to install a magnetic or mechanical flow meter a relatively large excavation has to take place. Thereafter several people and mechanical lifting equipment are required to install the meter. This is a time-consuming task during which parts of the street often have to be blocked. Within cities this can cause severe traffic disruption and therefore permissions are required in advance.

The earth and road works necessary for a buried installation of the FLUXUS® WD transducers are minimal and can usually be completed in one day. This considerably reduces earth and road work costs and minimizes traffic disruption. Furthermore, the installation itself is done single-handedly and no mechanical lifting equipment is needed.

Reliable and accurate data

The FLUXUS® WD is capable of measuring flow rates as low as 0.03 ft/s, which allows for accurate monitoring of minimum night flows. A further major advantage of the FLUXUS® WD series is that it does not suffer from any measurement drift, so that you can always rely on your data. As FLEXIM supplies the instrument with extensively tested NEMA 6P / IP68 transducers and the most robust mounting system on the market, you can be assured that there will be no maintenance required after installation. For more technical details please see the product brochure of the FLUXUS® WD series.