

Ultraflux



Portable flowmeters



Fixed Flowmeters For Pressurised Full Pipes



Free Surface Flowmeters For Open Channels And Partially Filled Pipes



Interface And Pig Detectors

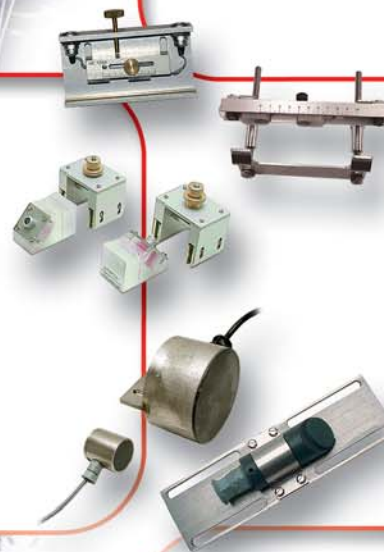


Our knowledge at your service



Temporary measurements : portable flowmeters

ULTRAFLUX Flowmeters are ideal for field survey work and the most demanding industrial applications. They are used with clamp-on probes suitable for most pipes, from 8 mm to 10 000 mm diameter and for any kind of fluids transparent to ultrasounds, including water, oil, acids alkali's, refrigerants and other extremely aggressive applications. Dual Pipe Systems (i.e. 2 channels), thickness gauge and calorific functions (Heat Metering) options are also available.



Adaptable solutions for your applications :

- a complete range of ultrasonic flowmeters
- Engineered for your application

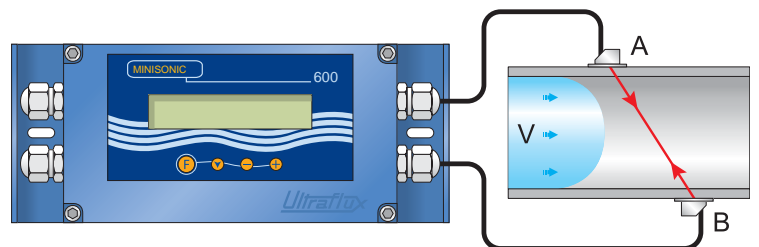


Environmental

- sewage works
- effluent discharges
- multichord systems
- irrigation networks
- rivers up to 200 m wide

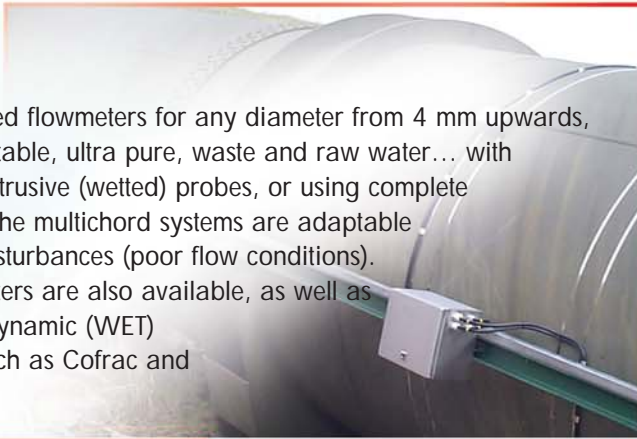


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Water

A range of fixed flowmeters for any diameter from 4 mm upwards, suitable for potable, ultra pure, waste and raw water... with clamp-on or intrusive (wetted) probes, or using complete spool pieces. The multichord systems are adaptable to hydraulic disturbances (poor flow conditions). 2 pipe flowmeters are also available, as well as Independent Dynamic (WET) calibrations such as Cofrac and NAMAS.



ULTRAFLUX is Recognised For :

- High accuracy Flow Metering
- Unlimited range of flows
- Measurements of very low velocities (from mm/s)
- Measurements on the smallest (~ 4 mm) to the biggest (~ 10 m) pipes and in rivers up to 200 m wide
- Reliable and repeatable measurements
- User Friendly Equipment with Excellent After Sales Support

Industrial / Petrochemical/ Gas

All the features of the water meter range but enhanced with the ATEX certification for hazardous areas.

Ultraflux also offers:

- interface detectors for multiproduct pipelines
- spheres & pig detectors



Precise Measurement Control

The transit-time difference between the distance 'probe A > B' and 'B > A' of Ultrasonic Sound waves is proportional to the speed of fluid. The Converter measures and calculates this information to provide intelligent user friendly readings and industrial outputs. Using DSP (Digital Signal Processing) technology and ESC (Echo Shape Control) mode, an auto-focus for ultrasounds, an optimum flow reading is calculated and displayed. DSP and ESC are exclusive to Ultraflux and are used and approved by industry.

Benefits of a comprehensive metering range :

- Under pressure installation of wetted probes without process shut down using safe advanced probe technology
- Clamp-on probes using new technology giving superior performance in demanding applications, offering installation without interrupting the process
- Liquid and gas applications, non conductive and ultra pure fluids and multi-products pipelines
- Real time and bidirectional flow measurements and totalisation
- No moving parts
- No drift
- No maintenance
- No pressure drop
- Fast response time
- Cost independent of pipe size
- Equipment available in several languages
- User friendly communication software



A company at your service

- 30-year expertise in cutting edge ultrasonic flow measurement
- Rapid off the shelf and custom solutions to your flow applications
- Worldwide distribution via a network of experienced specialised companies with ULTRAFLUX trained sales and service personnel
- In house R & D Department allows continuous product improvement and technical innovation
- A Brazilian subsidiary ULTRAFLUX SERVIÇOS E EQUIPAMENTOS (USE)



Some references in numerous activity area :

Alstom, Bouygues, BNFL, BP Chemicals, BP Oil, Brega Petroleum, British Pipeline Agency, Cardiff Bay Wetland, Cegelec, Cogema, Danone, Degremont, Ecopetrol, EDF (thermal and nuclear power stations), Empresa de Acueducto de Bogota, Environment Agency, Gaz de France, Geogaz, Générale des Eaux, GlaxoSmithKline, INNOGY, Kenya Pipeline, Lyonnaise des Eaux, Metropolitan Water Authorities of Bangkok, NATO, Petrobras, North West Water, Peugeot, OTV, Ondeo, PS Pipeline, Pfizer, Renault, Total Fina Elf, RMC Aggregates, Trapil, Sogea, Veolia, Vivendi Water, Welsh Water ...

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