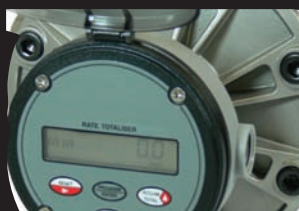


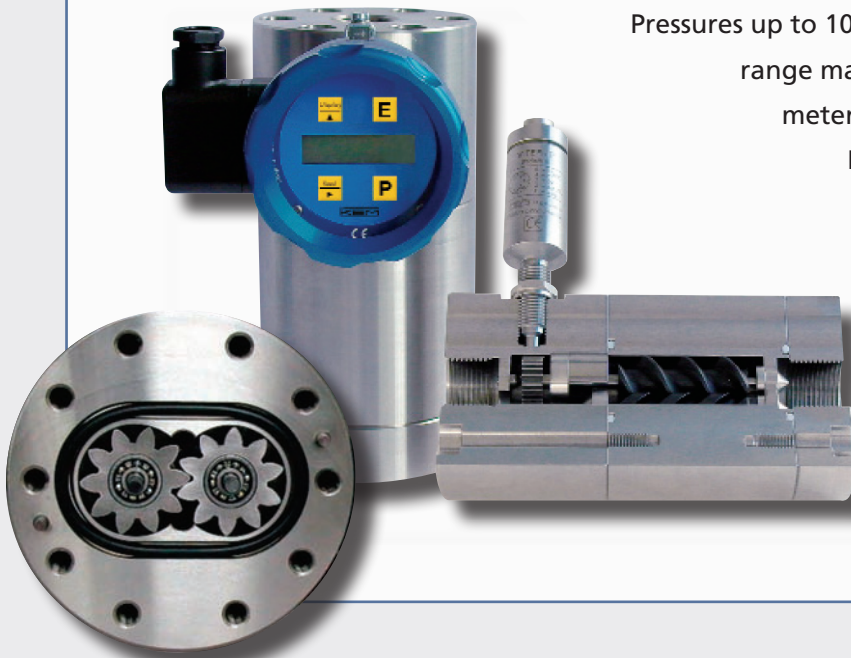
Flow metering & Instrumentation Solutions



Spur & Helical Gear

High accuracy positive displacement Spur (Circular) & Helical gear meters in Aluminium, Cast iron or Stainless Steel for measurement of low to High viscosity fluids from 0.005 up to 1000 l/min flow.

Pressures up to 1000 bar and 5 to 1,000,000 mm²/s viscosity range make these a great choice for accurate flow metering of a wide range of fluids such as Oils, Paints, Inks, Polyol, Resins, Waxes, Slurries & other difficult to measure media.



Pelton wheel

Pelton or Paddle Wheel meters are a cost effective method of measuring the flow of Water, Fuels & other low viscosity liquids in pipe sizes from 1/4" up to 100" with flow ranges from 0.05 up to 378,000 l/min.

Available as either in-line for small diameter pipes or Insertion style for pipes over 1.5" diameter in a choice of materials.

Typical applications include HVAC, Hot & Chilled water, Fire Systems, Water Distribution, & Hydrant Flow Testing.



Electromagnetic, Coriolis & Ultrasonic

A range of Non Intrusive Flow Meters for Harsh or Demanding applications. Electromagnetic meters are available from 1/2" up to 10" pipe sizes and are a low maintenance, accurate flow metering option for aggressive or dirty conductive fluids due to no moving internal parts.

Coriolis meters are available for mass flow measurement up to 1000kg/min, especially useful for aggressive, or contaminated Gas or Fluid media.

Ultrasonic transit time meters are available for measurement of flow without breaking in to the pipe. Clamp on sensors allow for measurement of Water, Oils and Chemicals in pipes from 25mm up to 1000mm.



Variable Area

Variable area or Rotameter meters are an economical method of measuring flow rates of Fluids and Gases. Typically in line sizes from 1/4" to 2" and flows from 0.2 to 600l/min are available in Plastic, Aluminium, Brass and Stainless Steel.

Visual scale, pulse, milliamp or voltage flow rate outputs as well as electrical alarm switching units are standard options.

High temperature versions up to 600°F (315°C) are also available making this range an attractive, flexible, low cost flow monitoring solution.



Axial Turbine Meters



Axial Turbine flowmeters are used for determining flowrates and volumetric flow for gas & low viscosity liquids.

The scope of supply within this range is truly huge from small, low cost Nylon or Aluminium Water or Fuel meters up to large Stainless Steel units for 20" Flanged pipe installations.

Flow ranges can be provided up to 110,000l/min, pressures up to 4000 bar. Applications include, Industrial, Municipal, Process and Offshore with Subsea design a speciality.

Oval Gear

Oval Gear Positive Displacement Flowmeters provide high levels of accuracy & repeatability for a wide range of clean liquids irrespective of viscosity & conductivity including Fuels, Oils, Additives, Chemicals, Paints, Alcohol & Solvents.

Flow ranges are typically from 0.5l/hour up to 2500l/min with pressures up to 550 bar. Materials include PPS, Aluminium & Stainless Steel making Oval Gear a common choice in industry for Flow Rate, Totalising, Batching, Dosing & Custody Transfer applications. Mechanical or digital instrumentation available for this range of meters.

A special range of low cost fuel Flow consumption meters is our speciality.



Instrumentation, Software & Systems

We offer a huge range of Instrumentation to work with all our Flowmetering products with a wide range of industrial approvals from simple Flow Rate or Totalising Displays to more complex Batching, Counting, Timing and Control Units.

Our instrumentation will suit your protocol requirements such as Frequency, Analogue, Hart, FIELDBUS, PROFIBUS, RS232, RS485 & Namur.

We also offer complete control systems and can write display or operational software to your specifications.



Other Products



Sight glass Flow indication and fluid condition units



Turbidity meters for fluid condition monitoring



Oscillating disc flowmeters



Density meters & control for fluid concentrations



Paddle flap low flow switching units



Vortex flow meters for gas, steam & water

& much much more...



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Since 1991 Hydrotechnik UK Ltd have supplied quality flow measurement and flow control products to the Industrial, Process, Municipal, Commercial and O.E.M. markets.

In 2005 Flowtechnik was created as a division of Hydrotechnik UK Ltd to expand our market coverage with many of the finest flow measurement products available. For your benefit we consistently fine-tune our focus to supply the best range of flowmeters, instrumentation and systems designed to handle virtually any application.

Our growing inventories and supply sources ensure you that we will always provide you with the best solution with excellent customer service and after sales support from our hugely experienced sales team.

Pneumatic
Pressure
Temperature
Custody transfer
Fuel consumption
Hazardous area
oil
control
totalising
beverage
paints
rate
solvents
inks
batching
dosing
consumption
subsea
pharmaceutical
construction
offshore
chemical
gas
water
food
fuels
agriculture
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totalising
beverage
paints
rate



Minimess Test Points, Adaptors, Kits & High Pressure Microbore Hose Assemblies. Pressure, Temperature, RPM, Flow, Displacement Measurement Sensors. Handheld Digital Test Equipment & Data Loggers and much much more...

