



measuremonitorcontrol.com

Measurement and control solutions
for plant & process efficiency



Our vision – the solution specialists

We empower our clients' competitive advantage through technical expertise and delivering innovative valve and instrumentation solutions promptly and efficiently.

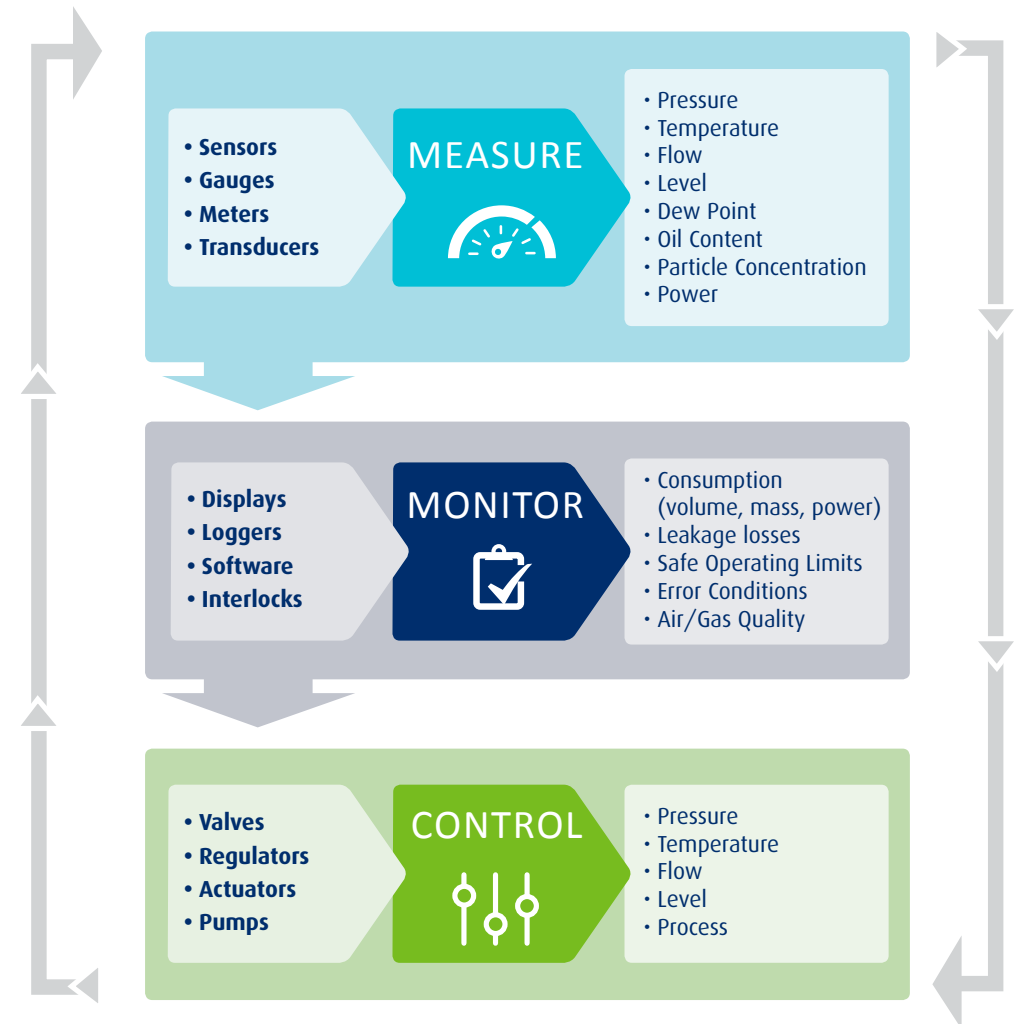
As an independent specialist distributor for control and instrumentation products, we offer exclusive brands for the UK in addition to sourcing the best solutions from the global market. Our technical expertise can assist you with understanding your application issues, specifying solutions according to your target criteria and supporting your operations after installation. We aim to help our clients to improve their process efficiency, reduce their operating costs and enhance their market competitiveness.

You need...

- Air quality measurement
- Flow sensors
- Displays, data loggers and software
- Solenoid or air operated valves
- Airsets and pneumatic instrumentation
- Cryogenic valves
- ATEX, IECEx and GOST certified solutions
- Hazardous or aggressive environment and low temperature solutions
- Actuated Valves
- Pressure Regulators



Measurement, monitoring & control solutions from Measure Monitor Control



...it's what we do

INDUSTRIES

Chemical
Energy
Marine
Food & Beverage
Pharmaceutical
Semiconductor
Automotive
Manufacturing
Laboratories
Academic Institutions
Process Automation

Measuring and Monitoring Instrumentation

Flow, pressure & temperature measurement solutions can be supplied for a wide variety of process media in the form of liquids, wet or dry gases and steam. Solids and powders require specialised solutions and we can offer level measurement for all liquid or powder media types.

We have a range of sensors capable of measuring air quality in accordance with ISO 8573 that can be portable for quality audits or permanently mounted for continuous monitoring.

Several of our sensors allow the measurement and communication of more than one process variable which offers increased information for the operator without the cost penalty of additional instruments, their installation and cabling.

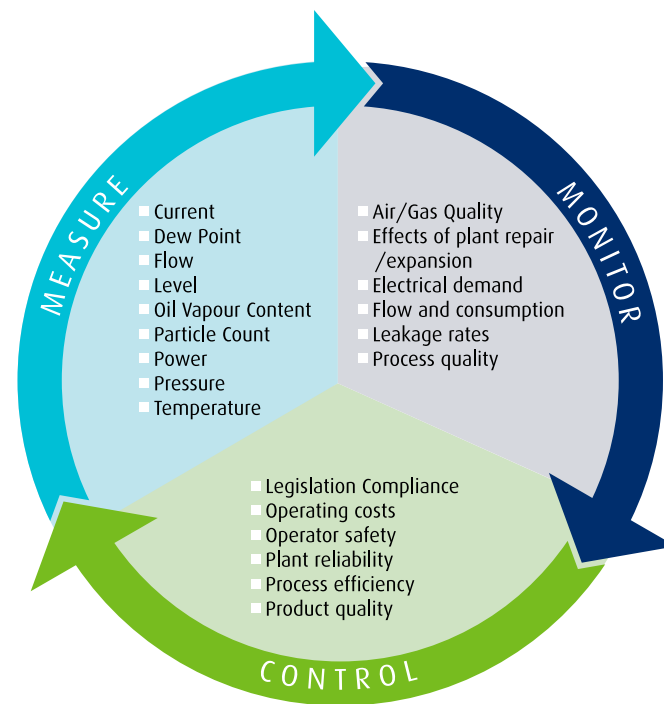
Energy efficiency is crucial for many plants and we offer both current and power meters to work with separate data loggers or integrate into plant-wide control networks.



Measurement Solutions for Portable Use



Easy to use touchscreen graphical displays with data logging



- Dew Point
- Oil Vapour
- Particle Count
- Flow
- Current and Power Metering
- Pressure

- Temperature
- Leak Detection
- Displays
- Dataloggers
- Analysis Software
- Air Quality
- Level



Multiple variable measurement in one instrument

For more information visit www.measuremonitorcontrol.com

INDUSTRIES

Oil & Gas
Petrochem
Chemical
Energy
Marine
Fertiliser
Process Automation

Air/gas preparation and flow controls

We offer a range of air/gas preparation and flow control valves that are designed to offer reliable performance in the harshest of environments. Incorporating mechanical ATEX certification as standard, the products offer compatibility with wide operating temperature ranges down to -55°C.

We can supply tailored packages for valve automation including the air prep, flow control, directional control valves, failsafe and redundant operators and accessories to suit individual applications with the same level of certification for use in hazardous atmospheres.



High flow rate
instrumentation packages
with ATEX certification

- Filter Regulators/
Regulators/Filters
- Volume Boosters
- Lock Up Valves
- Back Pressure Regulator
- Quick Exhaust Valves
- Flow Regulators
- Spool Valves
- Silencers



Pneumatic controls for
valve automation



INDUSTRIES

Manufacturing
Oil & Gas
Petrochem
Chemical
Energy
Marine
Process Automation

Solenoid and air operated valves

We have been offering a wide variety of solenoid and air operated valves since 1998 to suit all common industrial flow control applications.

Some of the special duty valves we provide include -196°C cryogenic service, liquid CO₂ for pyrotechnic displays, sub-base mounting for OEM applications, dual sequential or dual redundant operations, manual reset or latching with electrical trip, -60°C operation for arctic duty, magnetic latching operations and air operated valves for constant immersion in water.



A wide range of solenoid valves for all applications

We offer the most comprehensive range of EN161 safe and hazardous area solenoid valves for gas and fuel flow control. High pressure and specialist functions are available to suit demanding gas turbine and burner feeds, industrial gas trains and other plant applications.

Many of our valves can be supplied with certification to meet ATEX, IECEx, GOST EAC & Ex.

- 2/2 NO or NC
- 3/2 U, NO or NC
- 5/2 mono or bistable
- 5/3
- Manual Reset or Manual Latching
- EN161 gas valves
- Cryogenic
- ATEX, GOST or IECEx
- Position feedback



Solenoid valves for liquid fuels and flammable gases



Stainless steel valves for media pressures up to 250bar

For more information visit www.measuremonitorcontrol.com

We have the flexibility to offer vendor independent solutions outside of standard boxed products and tailored to your specific requirements. By understanding your application and compliance needs we can offer component packages or built and tested systems ready to install.



Pressure Regulation

From 1/4" to DN300, our pressure regulators offer accurate control from 20mbar to 15bar, in a variety of materials from titanium to cast iron to suit almost all industrial and commercial applications. Upstream regulation with pressure sustaining or back pressure valves, downstream regulation with pressure regulating valves, overpressure protection with relief valves and specialist water hammer preventers are all part of our range.



Upstream and downstream pressure regulation plus water-hammer protection



Pressure regulation for liquids and gases

Control Solutions

Hazardous area duty

We can offer ATEX and IECEx certification for a wide range of valve and instrument products. Operating temperatures between -60°C and +90°C can still be achieved in these areas.

Cryogenic valves

Our specialist cryogenic valve range offers performance for liquid nitrogen down to -196°C for manual and solenoid operated valves and can include hazardous area certification where required.

Gas safety systems

Safety interlocks and gas proving controls for commercial kitchens, academic and industrial laboratories provide assured safety for operators and premises. We can include accessories such as compatible sensors and control valves to simplify project purchasing and ease installation.

Valve Actuation Packages

We can specify and supply actuated valve packages as separate components or fully assembled and tested to meet your needs.



ATEX & IECEx certified solenoid valves



ATEX & IECEx certified instruments



Manual valves for cryogenic liquids



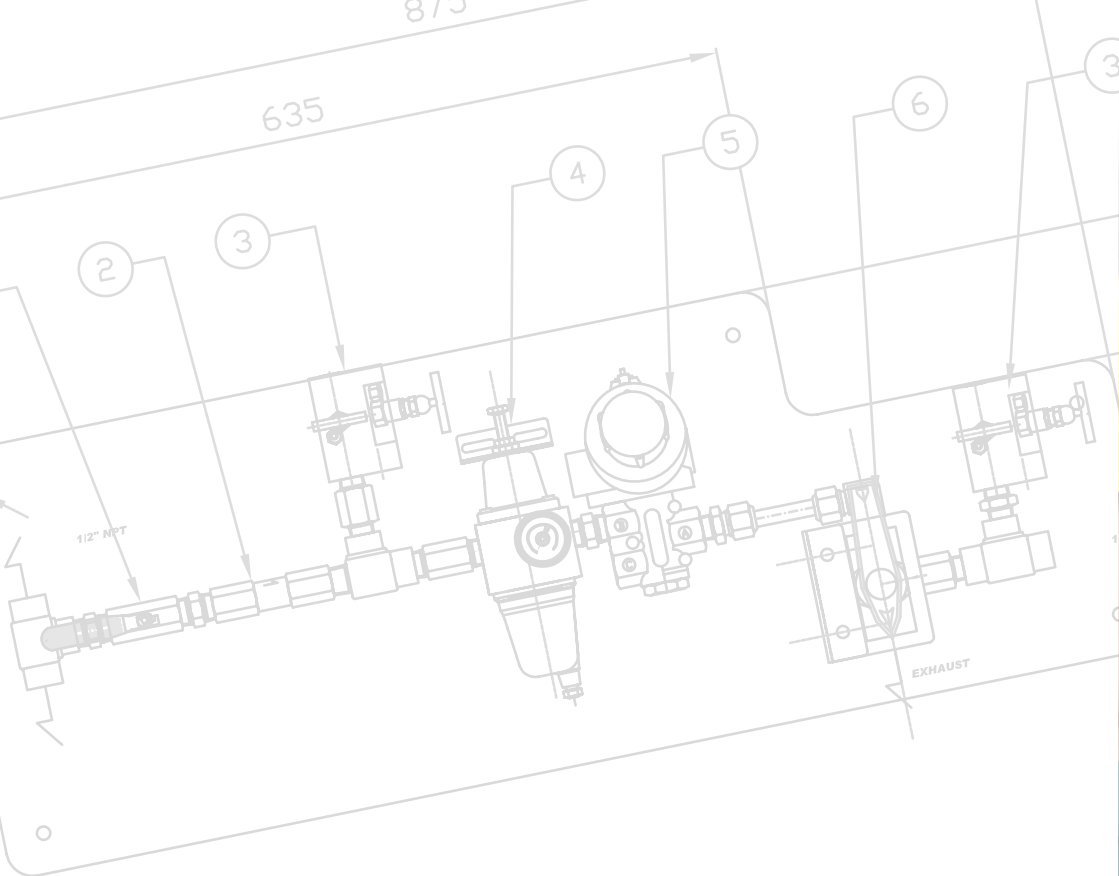
Safety controls and interlocks for natural gas systems



Pneumatic actuated ball valve with IP67 rated solenoid valve



Electric actuated 3" ball valve



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Measure Monitor Control is a trading name of Red Dragon Limited