



KC Controls Ltd

Application Solutions from Choice



Introduction

Solving Applications Since 1986. With a turnover in excess of £3 million per annum, KC Controls was originally formed as an exclusive distributor for Foxboro products, but has now evolved to become a solutions provider, who can use our Channel Partner Agreements to ensure a cost effective solution to all instrumentation and control challenges. With a customer list that includes major process plant owners such as Exxon, Glaxo-Wellcome, Tate & Lyle etc, as well as the small instrumentation user, all of which benefit from our somewhat unique approach to the market place. We know KC Controls are able to assist you with your process applications.



Pressure Portfolio

From Simple Gauges and Transducers through to the latest Multi-variable Devices. KC Controls are able to provide pressure instruments that suit the application need even with specialist requirements such as diaphragm seals or SIL rated devices.

A high level of understanding of digital 'Field Bus' interfaces and traditional analogue loops complement our expertise in mechanical and pneumatic systems, which allow KC Controls to apply the best-fit product both technically and commercially.



Temperature Portfolio

Thermowells, Elements, Heads, Extensions and the Measuring Devices can all be supplied by KC Controls. With a complete package offering we can ensure all the components function together and provide a cost-effective solution to temperature monitoring.

Gauges, Indicators, hand-held devices and complete systems can all be engineered to meet the customer need. In many cases our process of using the best-fit suppliers means that the customer gets a competitive price and prompt delivery without the uncertainty of process or product incompatibility.



Flow & Level Portfolio

With So Many Technologies Offering Quite Different Benefits and Solutions, KC Controls are here to assist you in getting the most from any flow meter or Level device.

Understanding the features offered in the differing technologies is critical to the selection of these devices, but KC Controls can guide you through. Our offering of simple variable area meters and float gauges complements the higher technology products such as dynamic mass meters and radar gauges. These as with many other devices such as vortex, ultrasonic and magnetic instruments can be applied with a skill acquired over many application solutions.



Control Room Portfolio

Interface and Signal Conditioning Instrumentation is a Key Feature in today's modern process plants, perhaps being brought to the forefront by new technological advances in unit capability.

KC Controls are able to assist at all levels in the control room environment interfacing field product in analogue mode and digitally via Modbus, 'Field Bus' and other protocols. Chart recorders, controllers and data logging devices join the KC Controls portfolio, whilst PLC systems benefit from our competence in SCADA software application and configuration.



Analytical Portfolio

Liquid or Gas Analytical Measurements Offer Quality and Process Control Solutions.

Advancements in technology available to KC Controls mean that we are able to recommend suitable products for pH, Conductivity, Turbidity, colour and other liquid measurement solutions.

Not to mention, the capability to engineer a complete solution, offering stack gas analysis. Either on-line or via sampling systems. At KC Controls we have a wide experience of monitoring gas emissions and the quality and composition of process gases.



Valve Portfolio

Final Control Elements, Engineered for Maximum Performance by KC Controls can optimise control loops and the process. Using the best-fit valve and positioner combination from our range of suppliers gives the customer a wide choice and ensures the correct 'application fit'.

With a range of modulating control valves, regulators and a host of other technologies (butterfly, ball, diaphragm, pinch etc.) available to KC Controls we can once again offer a total solution in the one instrumentation package.



Plant Vision Portfolio

Vision Systems Offer Optical Process Control Measurements. KC Controls offer complete vision systems, sight glasses, lights and cameras all of which can be used in connection with a vector device to measure level, foam detection, Interface and particle-size of process fluids and solids.

With fibre optic lighting systems to give illumination into process vessels, each product in the vision range has distinct advantages for the user. Even the simplest sight glass uses a unique fusion of glass into metal technology that ensures a high level of safety and extended life span.



K.C.I.P (Our Sister Company)

KC Instrumentation Products are part of the KC Group and offer the customer a whole range of instrumentation hardware.

From the Parker Hannifin instrumentation range K.C.I.P offers remote & direct mounting manifolds, ball, needle and check valves, fittings, impulse tubing and other vital connection components. These can be ordered and dispatched to the customer, often on the same day. Other devices such as Lucifer solenoid valves, Veriflo regulators and filtration equipment are also readily available.



Customer Care

Customer Care and Service are Paramount in the KC Controls portfolio and we ensure that every product we sell is supported, either through our own network of service and support engineers or from the original manufacturer

In many cases KC Controls not only supply but install, commission, calibrate and service your instrumentation, whether initially sourced through us or already installed on your plant.



ABB Instrumentation Alliance

KC Controls are proud to be a member of the ABB Instrumentation Alliance, which combines the UK's best resourced instrumentation centres, bringing levels of service previously unavailable in the industry. As an ABB Instrumentation Alliance member, KC Controls can offer a wide range of instrumentation products and can provide installation and commissioning support and maintenance of the ABB Instrumentation range.

The ABB Instrumentation Alliance is a UK network bringing together a wide range of locally stocked products and full technical expertise and support straight to you.

ABB Instrumentation Alliance Partners are able to meet all your instrumentation and control needs, with a comprehensive selection of controllers, recorders, transmitters and sensors, backed up by unrivalled technical knowledge and expertise.



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