

Total Instrument Controls has a full range of quality instrumentation and control equipment for the manufacturing process.

All products come with a full manufacturers warranty and our reassuring back-up service.



GROUP
INSTRUMENTATION
PTY LTD
A.C.N. 079 632 241



bürkert
FLUID CONTROL SYSTEMS



BALLUFF

Pyrosales



SOMAS[®]

Limitorque

MACKVALVES

LETTING GOOD IDEAS FLOW

Control Equipment Pty Ltd



Endress + Hauser

People for Process Automation

BALLUFF

From a workshop for bicycles and sewing machines in 1921 to a world leading sensor and automation specialist for products such as electronic and mechanical sensors, rotary and linear transducers and identification systems all the way through to high-performance network and connection technology.

Balluff is active in 68 countries and as a result, the company can guarantee its customers fast delivery times worldwide, as well as high-quality on-site consulting and services. Sensors – Comprehensive expertise for industrial automation.

RFID – Automatic identification and tracking in production. Machine Vision and Optical Identification – Camera based object and process control as well as optical identification for automation.

Industrial Networking Information exchange across all manufacturing levels ensures optimum performance in the entire process.

Human Machine Interfaces Our signalling and display devices precisely represent the operating states at a glance. Safety – Safety with Balluff quality.



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For over 70 years Bürkert has been the Smart Choice in Fluid Control Systems with a wide range of high-quality German engineered and manufactured fluid control product lines such as solenoid valves, process & control valves, process pneumatics, sensors, controllers and mass flow devices.

Whether measuring or controlling, we're fascinated by everything that flows and without doubt, this fascination has enabled us to become a world leader in Fluid Control Systems.

It also drives us to constantly reinvent ourselves without losing sight of our strong values.

Bürkert is present in 35 countries around the world. This global presence ensures full support to all customers in every country around the world.



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Australia's leading supplier of the highest quality gas detection instruments and are the authority when it comes to providing quality products and solutions for all your gas detection needs.

As well as supplying a variety of fixed and portable gas detection devices, we also offer an extensive range of specialist solutions for tunnel and garage monitoring, airborne monitoring, with both hard-wired and wireless solutions available.

The list of gases that we can detect is the most comprehensive in the industry.

Whether you need a fixed or portable gas detection system for manufacturing, petrochemical, councils, defence, emergency services or aerospace, Control Equipment can provide a solution.



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An Australian owned manufacturing company established in 2004.

Delatite Valves Pty Ltd has built a solid reputation to provide excellent Valve solutions and Valve manufacturing focusing primarily on users of high pressure, high temperature Metal Seated Ball Valves including severe service zero leakage valve solutions.



Somas valves are developed to be suitable for use in a wide range of different industry areas. Our goal is for us and our valves to meet all specific requirements for your industry needs.

Our valves have been developed in close cooperation with our customers to create the best possible solutions. Somas has manufactured valves for over 70 years and with such experience, develops and manufactures control and on/off-valves made of acid-proof stainless steel for use worldwide.



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Endress+Hauser

People for Process Automation

Endress+Hauser instruments reliably gather all information from the industrial processes that enable you to operate your plants economically with optimum product quality and safety for employees and the environment.

Today, the family-owned company with over 65 years' experience is a Global leader in the field of process measurement with complete technologies for:

- Liquid analysis in all applications
- Flow measurement for liquids gases and steam
- Level measurement
- Pressure measurement
- Temperature measurement

The Endress+Hauser range of field instruments use different measuring principles to operate reliably and accurately in any situation.

Full compatibility with a variety of process control platforms utilising a range of communication solutions including Ethernet/IP, IO-Link, Foundation Fieldbus, Profibus and HART make Endress+Hauser a must for any process application.



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Limitorque

For more than 85 years the Limitorque brand has offered customers trust when safe, reliable and robust performance was demanded from electric actuators. These actuators are world-class devices used to consistently drive multi-turn and quarter-turn industrial valves and dampers, providing years of dependable service.

State of the art intelligent valve control offering Limitorque's reliability along with the simplicity of non-intrusive set up.

The Limitorque MX & QX actuators can be used for on/off, position and modulating control with a wide range of control options mostly selectable through the simple yes/no menu from the Hall Effect switches on the actuator cover.

Limitorque MX & QX actuators use absolute encoders for position sensing and require no battery back up to maintain position settings through loss of power and operating manually.



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MACK VALVES

LETTING GOOD IDEAS FLOW

Established in Melbourne in 1939, Mack Valves has supported a large range of industries, offering a variety of solutions for different needs. With that experience, today Mack is focused across; Water Management, Cryogenic, General/Steam, Fire Protection, Defence and Oxygen Service Industries, with a core product range to support each Industry.

Mack Valves is synonymous with high quality and reliability of service and is the valve of choice when these attributes are critical.

Over the years, Mack has provided flow control solutions for many hazardous applications, showing why industry chooses Mack Valves for their plant and asset protection.

Mack supplies flow control devices to Australia's critical industrial and infrastructure applications.

We maintain a strong local design and engineering resource to best support Australian and Asia-Pacific industries.



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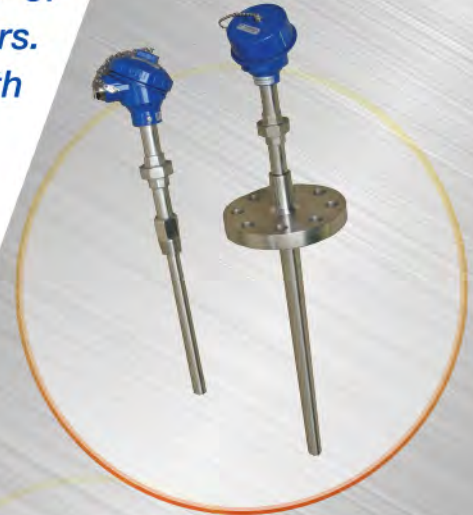


Pyrosales is an Australian owned company with an established reputation around the World as a specialist manufacturer of standard and precision temperature measurement sensors. They operate not only in Australia but also in China, South America and the United States of America.

Pyrosales maintains an approved quality management system to ISO9001 standard. This ensures all products provided by Pyrosales meet stringent quality requirements.

Detailed procedures and regular reviews ensure the products manufactured are always of the highest quality.

They are Australia's longest established and largest manufacturer of thermocouples and resistance temperature sensors.



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Group Instrumentation was formed in 1997 to satisfy industry requirements for minimal maintenance, in-situ continuous emission monitoring products and systems.

Requirements for Continuous Emission Monitoring Systems are increasing each year and for industry the challenge is to select a system that is cost effective and reliable while conforming fully to environmental legislation requirements.

Products used for these applications include world leading brands such as:

ENVEA (PCME) Particulate Emission Monitoring Systems.

ENVEA (SWR Engineering) Solids Flow & Moisture Measurement Systems.

Protea Continuous Emission Monitoring (CEMS) Gas Analysers.

MRU Handheld & Portable Gas Analysers.

Novatech Oxygen Analyser Systems (Australian Manufactured).





Total Instrument Controls has a full range of quality instrumentation and control equipment for the manufacturing process.

LEVEL

- Microwave
- Conductive
- Capacitive
- Hydrostatic
- Ultrasonic
- Radar
- Radiometric
- Vibronic
- Switches

FLOW

- Vortex
- Electro-magnetic
- Coriolis
- Thermal Mass
- Ultrasonic
- Flow Computers
- Radiometric
- Pressure

PRESSURE

- Process
- Differential
- Hydrostatic
- Switches

TEMPERATURE

- Sensors
- Transmitters
- Controllers
- Infrared
- Thermal Imaging Cameras
- Analysis

ANALYSIS

- pH/ORP
- Oxygen
- Chlorine
- Colorimetric
- Turbidity
- Multi Parameter
- On-Stream Analysis
- Portable Samplers
- Bench and Lab Units
- Conductivity
- Element
- Emission (Gas & Dust) Monitoring

VALVE & SOLENOIDS

- Pneumatic and Electronic Positioners
- Solenoid Valves
- Angle Seat Valves
- Diaphragm, Butterfly and Ball Valves
- Globe Valves
- Actuation Control Systems

MICRO FLUIDICS

- Check Valves & Relief Valves
- Cryogenic & Oxygen Valves
- Diversion Valves
- Pressure Build & Reducing Valves

KNIFE GATE & SEVERE SERVICE VALVES

- Knife Gate Valves
- V-Port Ball Valves
- Check Valves
- Severe Service Control Valves
- Safety

SAFETY EQUIPMENT

- Portable and fixed gas detection
- Safety Curtains and Interlocks
- Electrical

ELECTRICAL & ELECTRONIC

- Power Supplies and Relays
- Signal Isolators and Converters
- Surge Protection Automation sensors, Industrial Networking, RFID, Human Machine
- Interfaces, Machine Vision and Optical Identification
- Electronic Interfaces
- Electrical Connectivity
- Remote I/O
- Recorders and Data Loggers