

SHORT FORM CATALOGUE

Instrumentation & Valves



About Us

Established in 1963 and headquartered in City Deep, Johannesburg, Belting Supply Services boasts a network of 16 branches across South Africa.

We take pride in providing our clients with excellent service and a wide range of superior-quality conveyor and transmission belting, industrial hose, instrumentation, sealing, and valves from leading global brands, serving various industries.

We prioritise customer satisfaction by providing technical support and meticulous after-sales service.

Complying with industry regulatory standards, we hold BEE and ISO certifications and are a proud member of the Conveyor Manufacturers Association of South Africa.

We work closely with our suppliers, who invest heavily in research and development, ensuring that we stay abreast of new technologies.

Belting Supply Services' (BSS) success over the last 60 years has been driven by world-renowned brands, a strong product range, and highly trained management and staff, who have an average of 20 years' service with the company.

BSS was established in 1963 by Mr Hayter in Langlaagte and now operates from a 10,000m² facility situated in City Deep. The business grew rapidly from the outset, opening branches in Kimberley, Cape Town, and Port Elizabeth. It was acquired by Hudaco in 1988 as part of the Frencorp acquisition.

Initially, it specialised in transmission products such as V-belts, V-pulleys, taper bushes, couplings, gearboxes, and chain, later becoming a stockist of rubber conveyor belting.

In 1968, BSS was appointed sole distributor for Southern Africa for Habasit conveyor and transmission belting. In 1978, it acquired a conveyor manufacturing plant from Brenflex in Australia and began manufacturing a unique PVC conveyor belt branded Trekflex. From then until the closure of the plant in 2012, BSS was the only manufacturer of "ply" PVC conveyor belting in Southern Africa.

In 1995, KZN-based business Swift Industrial Supplies was merged into BSS, bringing industrial hose into the product offering across all nine branches in South Africa. BSS was appointed the sole distributor in Southern Africa for NCR hose, which carries the SABS stamp of approval. Industrial hose now contributes about 25% of BSS's turnover.

In 2007, SA Hose and Belting (Cape Town and Port Elizabeth) was also acquired to expand our heavy-duty offering.

In 2008, Belting Supply Services acquired BEP Bestobell to expand our product range to include instrumentation, valves, and sealing.



NIR Moisture Analyzer

NDC Infrared Gauges provide invaluable measurement and process control solutions for manufacturing environments. Trusted for over 40 years, NDC's gauges are built to deliver robust and reliable measurements, ensuring the consistent quality of your products. They offer a range of simultaneous measurements like product height, presence detection, and browning, all in a self-contained, easy-to-use unit.

TYPES:

S9 Online	The S9 Online is a continuous, real-time measurement system that operates above a conveyor, providing on-the-fly monitoring of production. This unit allows for immediate production corrections, minimizing product waste and improving efficiency by enabling timely adjustments to the process. Its robust design ensures it performs reliably even in demanding environments, making it ideal for continuous production lines where maintaining product consistency and reducing downtime.
Predict IR	The Predict IR functions similarly to the S9 Online, offering continuous in-process measurement. However, it's designed specifically for the bulk industry and comes at a more affordable price point. While it shares many features with the S9 Online, it has fewer advanced options for expandability and customization, making it a great option for businesses looking for essential real-time measurement capabilities without the added complexity of higher-end models.
InfraLab	The InfraLab is a laboratory unit designed for precise measurement of product properties in controlled settings. It provides accurate data on moisture, fat, and other composition metrics. Ideal for batch testing, the InfraLab is versatile and highly functional, making it a valuable tool in industries requiring detailed product analysis. However, unlike the Top Loader, it measures from the top of the product, which can be less effective for materials that lose moisture easily.
Top Loader	The Top Loader is a lab-based measurement system that is highly accurate, especially for products that lose moisture quickly during production. It differs from the InfraLab in that it measures from the bottom of the product rather than the top, ensuring greater precision for such materials. This feature helps maintain more consistent results, making the Top Loader ideal for applications where moisture loss could otherwise affect the accuracy of the measurements.



Top Loader



S9 Online



InfraLab



Predict IR

KEY FEATURES:



Improve Product Quality & Competitiveness: Achieve tighter product specifications and reduced waste.



Save Raw Materials & Improve Yield: Effective use of resources results in higher output.



Reduce Start-up Times: Enhanced speed and accuracy help optimize production.



Reduce Energy Consumption: Contribute to sustainability and lower environmental impact.

INDUSTRIES:

TOBACCO

CERAMICS

DAIRY
POWDER

POTATO &
CORN SNACKS

MEAT
PROCESSING

COFFEE
PROCESSING

DETERGENTS

WOOD &
CELLULOSE

ORGANIC
WASTE BIO

CHEMICALS



Bestobell Cryogenic Valve Range

The Parker Bestobell cryogenic valve range is a comprehensive suite of high-performance valves specifically engineered for the transportation, storage, and processing of liquefied gases at ultra-low temperatures. With over 150 years of experience, Parker Bestobell is a trusted partner for major industrial gas companies and OEMs worldwide. The Parker Bestobell cryogenic valve range is a comprehensive suite of high-performance valves specifically engineered for the transportation, storage, and processing of liquefied gases at ultra-low temperatures. With over 150 years of experience, Parker Bestobell is a trusted partner for major industrial gas companies and OEMs worldwide. These valves are purpose-built to withstand the extreme thermal contraction and expansion encountered in cryogenic conditions, ensuring reliable, leak-free operation across a wide range of applications.

TYPES:

Globe Valves	for flow and pressure regulation
Gate Valves	for full shut-off in loading or emergency systems
Ball Valves	for fast shut-off and high-flow applications
Check Valves	to prevent backflow in cryogenic lines complete assemblies
Fill Manifolds	for static storage tanks
Strainers, Relief Vaves and Regulators	for protection and pressure control



KEY FEATURES:



Spring-loaded stem packing and anti-blowout stem design



Oxygen cleaning for enhanced safety



Extended stem options for cold insulation



Fully tested to BS EN 1626 standards, including submersion in liquid nitrogen

APPLICATION:

- Media isolation and control
- Shut-off and flow regulation
- Emergency shut-down
- Non-return protection
- Pressure and thermal relief
- Static storage tank filling
- Transport trailers and cold box systems

INDUSTRIES:

INDUSTRIAL GAS
(E.G. OXYGEN,
NITROGEN,
ARGON)

**LIQUIFIED
NATURAL GAS**
(LNG)

**CHEMICAL
PROCESSING**

**CRYOGENIC
TRANSPOR-
TATION AND
STORAGE**

**ENERGY AND
POWER
GENERATION**

Gas Analysers



EMCO Technologies is a UK-based specialist in gas control, measurement and testing solutions, with over three decades of innovation in instrumentation and active packaging technologies. Their products are designed to ensure quality, compliance, efficiency and extended freshness across multiple sectors.



KEY FEATURES:



Broad range of solutions: From portable handheld units to advanced automated analysers for high-speed production.



Reliable & robust: Designs suitable for factory environments, with strong traceability and stability.



Accurate gas measurement: Utilises technologies such as infrared, electrochemical, zirconia, optical sensors.



Highly adaptable: Adjustable ballasts and multiple cable options let devices work in various media, agitation levels and densities.



Flexible & customisable: Options for basic economical instruments to bespoke systems tailored to unique applications.

APPLICATION:

- Modified atmosphere packaging (MAP) quality control - verifying O₂, CO₂, N₂ and ethylene levels.
- Packaging process optimisation & compliance testing - including leak and burst tests.
- Cold storage and ripening control (e.g., ethylene monitoring).
- Flow optimisation on packaging lines to reduce gas waste.
- Quality assurance in production lines - both spot testing and continuous monitoring.

INDUSTRIES:

FOOD & BEVERAGE

snacks, coffee, meat (uncooked & cooked), cheese, bakery, fruits & vegetables.

PHARMACEUTICAL & LIFE SCIENCES

controlled atmospheres for packaging and research.

WELDING & HI-TECH MANUFACTURING

gas verification and control for specialised processes.

OTHER PRECISION SECTORS

aerospace and other engineering fields requiring precise gas monitoring.



HVAC Components

SAUTER is a leading Swiss-based global provider of intelligent building automation and energy management systems. With over 100 years of experience, SAUTER offers comprehensive solutions for new builds, renovations, and building operations, helping customers achieve sustainability, operational safety, and comfort throughout the entire lifecycle of a building.

PRODUCT FAMILIES:

2-Point Controllers	Reliable mechanical and electromechanical thermostats for simple on/off control of HVAC elements.
Fan-Coil Controllers	Devices for individual room control with options for manual or automatic fan speed and temperature adjustments.
Temperature & Humidity Sensors	Room and duct sensors with analog and digital outputs for environmental monitoring.
CO ₂ & VOC Sensors	Designed to monitor indoor air quality and optimize fresh air supply.
Frost Monitors	Safety devices for air handling units to prevent freezing in heating coils.
Pressure Switches & Monitors	Control and monitoring of differential and static pressure in HVAC and process systems.
Valves & Actuators (introductory content)	Begin appearing toward the end of this range, offering mechanical interface solutions for fluid control.



APPLICATION:

- HVAC Control: Thermostats, pressure switches, and frost monitors regulate heating, cooling, and ventilation to maintain optimal indoor climates.
- Room & Zone Control: Fan-coil controllers and digital room units provide localized comfort control.
- Energy Efficiency: Sensors and actuators contribute to reducing consumption by enabling automated responses to environmental conditions.
- System Protection: Pressure and temperature limiters protect plant components from overpressure or freezing conditions.
- Smart Building Integration: Many components support integration into centralized BMS (Building Management Systems) with protocols like BACnet, Modbus, and KNX.

INDUSTRIES:

OIL & GAS
Onshore & Offshore.

CHEMICAL & PETROCHEMICAL

POWER GENERATION

PLANT ENGINEERING

WATERWASTE & WATERWASTE MANAGEMENT

SHIPBUILDING & MARINE

PROCESS & HEAVY INDUSTRY



Inline Flow Meters

Sure Instrument, based in Tianjin, China, offers a broad portfolio of flow, level, pressure, and water quality measurement instruments tailored for industrial fluid and gas measurement. Their products are designed with robust materials, high accuracy, and smart communication options, serving a wide range of industries globally.

PRODUCT FAMILIES:

Flow Measurement	Magnetic Flow Meters (e.g., mini, insertion, sanitary) Ultrasonic Flow Meters (ST, DS116, PS116 series) Turbine, Coriolis, Vortex, Swirl, Thermal, and Gear Flow Meters Gas-specific meters: turbine, roots, vortex, variable area
Level Measurement	Ultrasonic Level Sensors for tanks, rivers, and open channels
Pressure & Temperature Monitoring	Pressure transmitters, temperature sensors, thermal mass meters
Water Quality Analysis	Turbidity sensors, fluorescence dissolved oxygen, UV-VIS analyzers
Control & Display	Totalizers and batch controllers for integration into industrial systems



KEY FEATURES:

	Broad measurement ranges for liquids, gases, and multiphase flows		Non-intrusive and sanitary models for critical applications
	Communication options: Modbus RTU, RS485, 4-20mA, pulse		Factory calibration and customizable configurations
	IP65/IP68 protection and explosion-proof designs available		

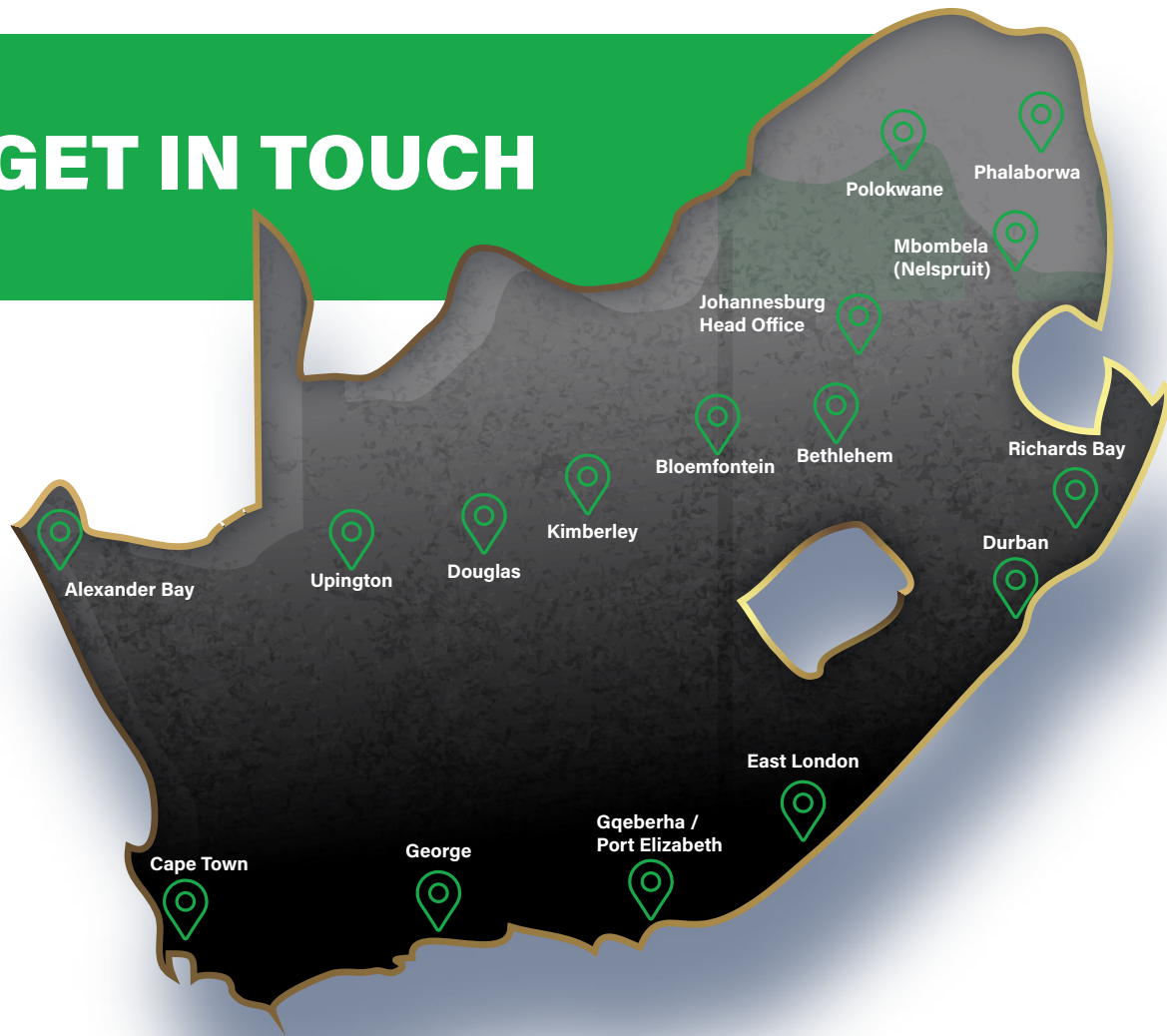
APPLICATION:

- Custody transfer and process flow monitoring
- Slurry, conductive liquid, and gas measurement
- Open channel flow and tank level monitoring
- Batch control, dosing, and blending operations
- Smart plant automation and system diagnostics
- Water quality analysis in industrial and environmental settings

INDUSTRIES:

OIL & GAS	CHEMICAL & PETROCHEMICAL	FOOD & BEVERAGE
WATER & WASTEWATER MANAGEMENT	ENERGY & POWER	MANUFACTURING & PROCESS INDUSTRIES

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