



TECHNIQUES GROUP

Production • Inspection • Quality Control Solutions



Techniques Group Icon Keys



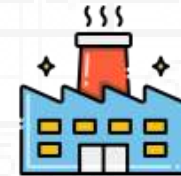
Colour Management & Dispensing



Food, Beverage & Packaging



Laser Cutting



Manufacturing



Printing, Coding & Marking



Textiles



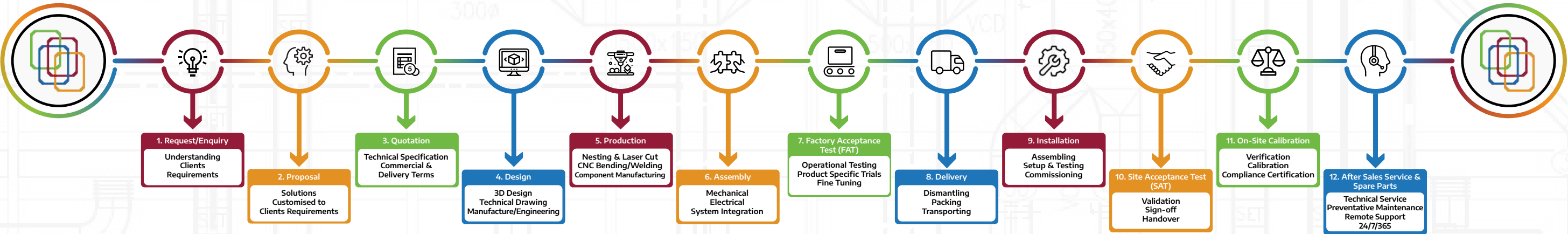
Pharmaceuticals & Nutraceuticals



Vision & Measurement

Our Process

Turn-Key Solutions, From Concept to Reality - Securing Brand Protection through Quality Control

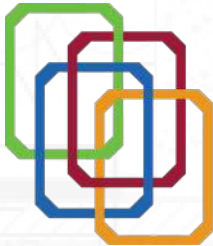


SA's Leading Equipment & Machinery Supplier

Production - Inspection - Quality Control Solutions

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TECHNIQUES GROUP



**AUTOMATION
TECHNIQUES**



**DETECTION
TECHNIQUES**



strato
International



**LASER
TECHNIQUES**

The Techniques Group has embarked on an impressive journey of growth and diversification!

Starting with electronic solutions, we have expanded into specialised sectors such as food, textiles, colour, and pharmaceuticals—adapting and thriving in an ever-evolving market.

Our commitment to innovation and the application of high-quality industrial solutions remains at the core of our business.

The Pioneer Years

Our journey started as The Electronic Man (Pty) Ltd, providing service and innovative electronic solutions, repairs, and maintenance to a wide range of industries. Throughout the 1980s, we continued to grow, acquiring specialized agencies and providing quality control systems to the Food, Textile and Pharmaceutical industries. Recognizing the need to adapt to an evolving market, we rebranded to Automation Techniques in 1990, marking the start of an exciting new chapter.

This transformation cemented our position as a trusted partner in sales, distribution, and support, while strengthening our automation, repair, and servicing capabilities.

The Techniques Group Family

Automation Techniques is a recognised leader in product inspection and quality control solutions. We offer a wide range of technologies, including metal detection, x-ray inspection, checkweighing, coding & marking printers, colour inspection, and vision & pharmaceutical systems. The solutions we provide are applied industry wide in the food, beverage, pharmaceutical, packaging, printing, textile, and colour management throughout Sub-Saharan Africa.

We continue to deliver world-class technologies that integrate seamlessly to meet our clients-approved retail specifications.

In 2017, our growth strategy further evolved, leading to the creation of Detection Techniques and Strato International. This expansion enabled us to diversify our expertise and offerings.

These developments culminated in the establishment of “The Techniques Group of Companies” in 2018, unifying Automation Techniques, Detection Techniques and Strato International, under one banner. In 2022 we realised another milestone with the launch of Laser Techniques and the formation of a strategic partnership with Tigre Solutions.

Our advanced laser cutting facility now drives our in-house manufacturing to new heights, allowing us to optimise production, maintain precision, and ensure top-notch quality. This addition reflects our commitment to innovation and our dedication to meeting the dynamic needs of our clients in an ever-evolving marketplace.

Directors Note

The Techniques Group's name is synonymous with providing cutting-edge quality control equipment, machinery and tailormade solutions to the food, beverage, pharmaceutical, personal care, colour and textile industries.

With branch offices in Durban, Johannesburg, Cape Town, and Gqeberha (P.E.), we are ideally positioned to service and support our customers in the region and across Africa, from Ethiopia in the East to Nigeria in the West.

Our dedicated team work around the clock, to provide support 24/7/365. This commitment is reflected in the long-term partnerships forged with both customers and suppliers, based on trust, reliability, and innovation.

Our mission is to deliver customer-focused solutions and introduce world class technologies in quality control to Sub Saharan Africa, ensuring that our customers have access to the best global solutions in the critical area of food & product safety.

We continually strive to anticipate the evolving needs of our customers, support the interests of our suppliers, and provide a professional and inspiring environment for our employees. Through these efforts, we are making a positive impact in the communities around us.

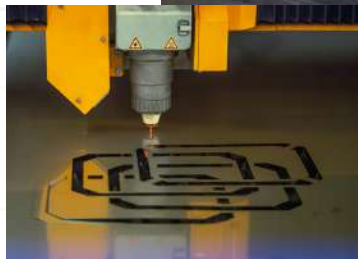
Thank you to all our customers, suppliers, staff, and stakeholders for your continued trust and support as we set the benchmark in quality control and innovation.

Kevin Baitz
Techniques Group Director



CUTTING | CNC BENDING | WELDING

Our cutting-edge **laser cutting, bending, and welding** facility provides a comprehensive solution for all metalworking requirements. Utilising state-of-the-art laser cutting and engraving technology, we achieve exceptional precision and efficiency in producing complex components across various metals. Our advanced **6-axis CNC bending press** ensures superior strength, durability, and aesthetic excellence in every product. Regardless of the scale or complexity of the project, Laser Techniques delivers high-quality, precision-engineered solutions tailored to meet demanding industry standards.



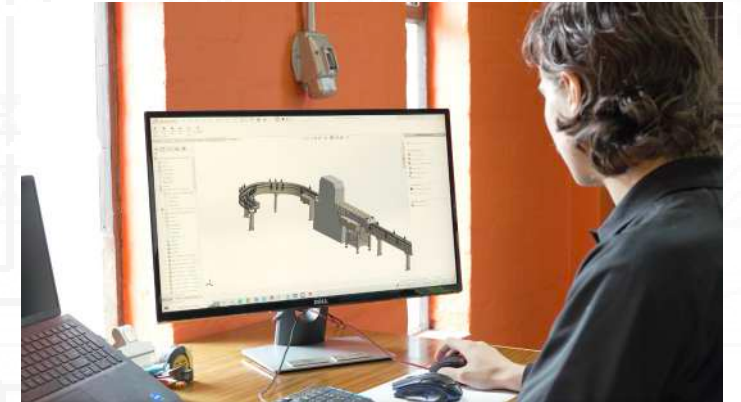
www.lasertechniques.co.za



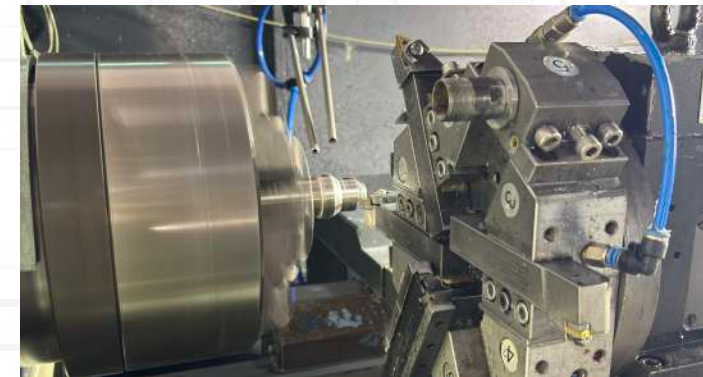
Parts Manufacturing



Our in-house design team utilises **3D design** and **technical drawing** to develop precise and efficient engineering solutions. From concept to completion, our experts ensure every detail is meticulously planned, optimising designs for seamless **manufacture and engineering**.



Equipped with advanced manufacturing technology, our production process includes **CNC laser cutting, CNC bending, welding, CNC routing, CNC lathe & CNC milling machines for part and component manufacturing**. These capabilities ensure precision fabrication, high-quality finishes, and efficient production workflows.



Our skilled technicians handle **mechanical** and **electrical** assembly with expert craftsmanship, integrating systems for full functionality. Through **system integration**, we ensure seamless operation, delivering turnkey solutions tailored to industry requirements.



Index by Application

Application	Agencies
24/7/365 Service & Support	Techniques Group
Active Ingredient Inspection	PharmaTechnology, Sea Vision
Aggregation Systems	Strato International, Sea Vision
Anti-Counterfeit Systems	Strato International, Sea Vision
Artificial Vision	Sea Vision
Automated Visual Inspection	Bonfiglioli
Barcode Readers	Datasensing, Sea Vision
Batch Weighing	TG BatchWeigh
Boot Washer	Auto-Sanitizer
Bottle Washing Equipment	Tigre Solutions
Box Printers	Videojet, ICE
Camera Guidance System	Datasensing
Camera Inspection	Datasensing, Sea Vision
Cap Inspection	BBull
Cappers	Tigre Solutions
Capsule Sorting System	PharmaTechnology
Capsule Tester	PharmaTechnology
Checkweighing	Loma
Closure Inspection	BBull
CNC Bending	Laser Techniques
Code Assurance	Videojet
Coding and Marking	Videojet, Wolke, ICE
Coin Inspection	Spookfish Vision
Colibri Platform	Datacolor
Collaborative Robotics	Cobot
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Combi-Deduster & MetDet	Loma, PharmaTechnology
Combi-Polisher & MetDet	Loma, PharmaTechnology
Component Machining	Tigre Solutions
Container Alignment System	BBull
Container Inspection	BBull
Conveying	Tigre Solutions
Deduster - Tablet / Capsule	PharmaTechnology
Detectable Products	Detectamet

Application	Agencies
Empty & Full Crate Inspection	BBull
Empty Bottle Inspector	ParmaControls
Fill Level Inspection	BBull
Foreign Body Inspection	Dylog, Loma
Form-Fill-Seal inspection	Spookfish Vision
Fruit Sorter	Datasensing, Protec Vision
Glass Jar Inspection	ParmaControls
Hand Sterilisation Station	Auto-Sanitizer
Headspace Gas Analysis	Bonfiglioli
In-line weighing	Loma
Induction Seal Inspection	Spookfish Vision
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Missing Item Inspection	Dylog, Loma
Moisture Removal	RF Systems
Nett Weight Batching	TG BatchWeigh
OCV & OCR Machine Vision	Datasensing, Sea Vision
Optical Sorter	Datasensing, Protec Vision
Package Inspection - Laboratory	ParmaControls
Package Integrity Inspection	Sea Vision
Packing Solutions	Tigre Solutions
Pharma Drum Loading	PharmaTechnology

Application	Agencies
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Printers - TIJ	Videojet, Wolke
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Remote Connectivity	TG TechNet
Retail Paint Software	Datacolor
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Serialisation Systems	Strato International, Sea Vision
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Track-and-Trace	Strato International, Sea Vision
Vacuum Cooling	RF Systems
Vegetable Sorter	Datasensing, Protec Vision
Vision Systems	Datasensing, Sea Vision
Wadding Solutions	Tigre Solutions
Weight Inspection	Dylog, Loma
Welding	Tigre Solutions
X-Ray Inspection	Dylog, Loma



BBULL IMAGE 360-Label Inspection



BBULL Technology delivers cutting-edge **inspection and rejection systems for the beverage, food, and packaging industries**. Their solutions encompass fill level, label, cap, and leakage inspections, alongside advanced track-and-trace systems and empty can/crate inspections.

By integrating German engineering excellence with innovations like PULSE leakage detection and deep learning technologies, BBULL ensures precision, energy efficiency, and scalability. Supported by global partnerships, their systems optimise production lines, enhance quality, and minimise waste, empowering manufacturers to meet the highest standards in compliance and efficiency.

ALPHA VK-X - Full Crate Inspection



ALPHA FH - Fill Level Inspection



- Product Range** Inspection of Label, Cap, Barcode, Fill Level, Leakage, Crate/Package and Layout. OCR, OCV, Bottling sorting & 360° Image. Image Processing, Complex Integration, Control and Inspection Systems.
- Details** **Process automation** for the **beverage, food, packaging, and glass industry** in detection, rejection, and sorting of bottles, cans, jars, crates, cartons, trays, six-packs, and kegs. **Inspection, sorting, and rejection technology** for bottling and canning in the **beverage and food industry**.

Industry



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Pharmaceutical Leak Tester



Bonfiglioli Engineering is a global leader in **Container and Closure Integrity Testing (CCIT)**. The company specialises in Leak Detection, Visual Inspection AVI, and Head Space Gas Analysis, providing cutting-edge solutions for diverse industries, including pharmaceuticals, food, and packaging.

With a commitment to innovation, Bonfiglioli Engineering customises its technologies to meet client-specific needs, ensuring high precision, reliability, and regulatory compliance. Their advanced inspection systems enhance product safety, quality assurance, and efficiency, giving clients a competitive edge.

Laser-Pro Gas Analyser



Metal Can & Aerosols Leak Tester



- Product Range** Laboratory Stand Alone & In-Line Inspection
- Details** **Leak Detection:** Ensures container closure integrity by detecting leaks in packaging to prevent contamination and maintain product safety. **Visual Inspection AVI:** Uses automated vision systems to identify defects, particulates, and inconsistencies in product packaging. **Head Space Gas Analysis (TDLAS):** Measures gas composition within sealed containers using Tunable Diode Laser Absorption Spectroscopy (TDLAS) to ensure product stability and quality.

Industry



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Robotiq AX Series



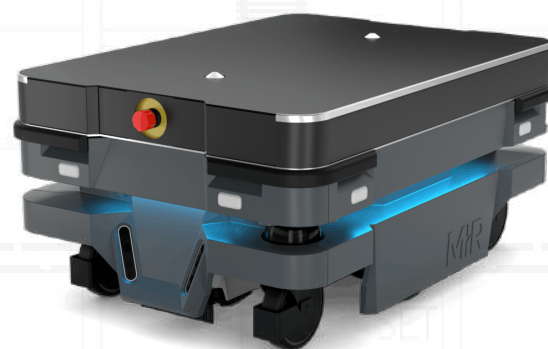
Cobots specialises in providing collaborative robotic solutions to **enhance manufacturing efficiency and productivity**. As a registered distributor in South Africa, Cobots partners with eight international brands, offering state-of-the-art products such as collaborative and mobile robots, palletising systems, and advanced industrial accessories. Their solutions include cutting-edge automation, flexible deployment, and seamless human-machine collaboration.

With industry-leading safety and scalable systems, Cobots enables businesses to optimise workflows and streamline processes, catering to both small-scale and large industrial applications. For innovative and cost-effective robotic solutions, Cobots is a trusted partner in automation.

UR5e with Tablet



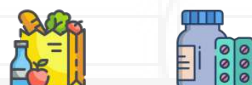
Automated Guided Vehicle



Product Range Collaborative & Palletising Robots

Details Universal Robots (UR) enables businesses to achieve new levels of automation.
MiR (Mobile Industrial Robots) - autonomous mobile robots (AMRs), transforming internal logistics with robotic solutions.
ROBOTIQ (Palletising Cobot Models) - supports high stacking, payloads, and cycle times.

Industry



12



Machine Vision Systems



Datasensing is a global technology leader specialising in automatic data capture and factory automation. With over 50 years of innovation, the company designs and manufactures **barcode readers, mobile computers, RFID, sensors, machine vision, and laser marking systems**. Its solutions span industries like electronics, automotive, pharmaceutical, logistics, and packaging, delivering precision, quality, and compliance.

Datalogic's cutting-edge technologies, such as the Impact Suite for machine vision, support applications like OCR, pattern sorting, and vision-guided robotics, enhancing efficiency, profitability, and safety across manufacturing and intralogistics processes worldwide.

Robot PSeries MX E



Expiration Date Verification



Product Range Smart Cameras, Industrial Vision processors, Vision System Software

Details Can Code, Can Label, Print & Check. Robot Guidance.
Integration with Coding and Marking systems.
The Machine Vision product line of Datasensing encompasses the widest range of **intelligent devices for in-line automated inspection and factory automation**.

Industry



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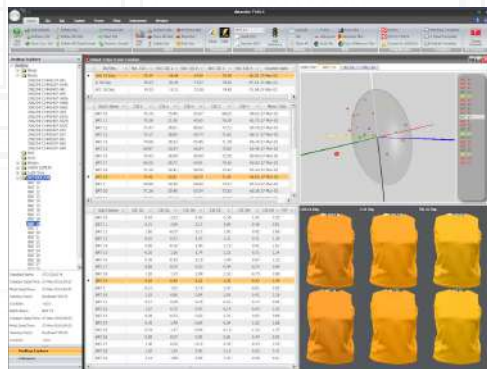
SpectraVision



Datacolor is the global leader in colour management solutions, serving industries like plastics, textiles, paint, automotive and more. DC provides advanced colour measurement instruments, including **spectrophotometers, colour formulation software, and light booths**, to ensure accuracy and consistency across production processes.

With innovative technology and expert support, Datacolor helps businesses improve quality control, reduce waste, and enhance efficiency. Their solutions are trusted by leading manufacturers, designers, and professionals worldwide, making them an essential partner for achieving precise and reliable colour management.

Tools 2 Software



Benchtop 200



Handheld Devices



Product Range

Benchtop & Portable Spectrophotometers, QC & Formulation

Details

Datacolor offers advanced colour management solutions for the plastics industry, including:

SpectraVision: Measures colour on irregular materials

Spectro 1000/700 /200 Family: Benchtop spectrophotometers for precise colour measurement.

Check3: Portable device for on-the-floor colour checks.

Tools/Match Pigment/Match Textiles: Software for accurate QC & Colour Formulation for plastics.

Colibri: ERP-integrated work flow management solution for plastics & pigments.

Light Booths: Controlled lighting for visual assessment.

Model	Type	Sample Type	Software Compatibility	Key Features
ColorReader	Portable Colorimeter	Paint, Plastic, Textiles	Mobile App	Pocket sized portable colour lookup device with preloaded fandeck.
ColorReader Spectro	Portable Spectro	Paints, Coatings, Plastics, Retail	DC Paint	Compact and user-friendly; connects to mobile devices for instant colour matching with colour space values.
Spectro 200	Benchtop Spectro	Textiles, Plastics, Coatings, Pigments	DC TOOLS, Colibri, Match Textile, Match Pigment	Compact, reliable, versatile, quality control.
Check 3	Portable Spectro	Textiles, Plastics, Coatings	DC TOOLS, Match Textile	Lightweight, ergonomic design; ideal for quick colour checks in various industries.
45 G/S	Portable Spectro	Paints, Coatings, Plastics, Automotive Interiors	DC TOOLS, DC Paint	Gloss measurement capability; designed for automotive interiors, paint and coating applications.
45IR	Portable Spectro	Specialised Materials	DC TOOLS	Infrared capability; used for specialised materials such as currency.
Spectro 700	Benchtop Spectro	Textiles, Plastics, Coatings, Pigments	Colibri, Match Textile, DC TOOLS, Match Pigment	Versatile and reliable; ideal for various industrial applications.
Elrepho 1000	Benchtop Spectro	Paper, Pulp, Minerals, Specialised Materials	DC TOOLS, Match Pigment	Extended sample capability; for whiteness in minerals, paper and pulp industries.
Spectro 1000	Benchtop Spectro	Textiles, Plastics, Coatings, Pigments	Colibri, Match Textile, DC TOOLS, Match Pigment	High precision; suitable for laboratories requiring accurate reference colour measurement.
SpectraVision	Benchtop Spectro	Multi-Coloured & Textured Samples	Colibri, Match Textile	Imaging spectrophotometer; enables colour measurement of multi-coloured and textured samples.

DC Spectro 1000



ColorReader PRO



Check3



Industry



DYmond DSV



Dylog Hitech SpA is a leading provider of X-ray inspection systems for the food and beverage industry, with **over 5,000 machines installed worldwide**. Renowned for its patented glass-in-glass inspection and bespoke solutions, the company offers systems that are easy to maintain, cost-effective, and user-friendly.

Their product range caters to beverages, tin cans, and glass, all designed to meet international food safety standards, including BRC and Nestlé protocols. Dylog ensures reliable performance, compliance, and adherence to global regulatory requirements, improving food safety and quality.

DYmond D3T



DYmond 120 HP DE



Product Range

Dymond S, D, DSV, M & DYagonal

X-Ray Vertical Beam inspection

Dymond Dual Energy

Speciality Machines

Details

For detection of **high-density contaminants** such as glass, metal, stone, bone, ceramic, grease as well as fill level and missing component inspection.

X-Ray Model	Inspection	X-Ray Detector	Key Feature
DYlite	Vertical	40 / 60	Low Power
DYmond	Vertical	40 / 80 / 120 / 160	Flexability
DYmond Bulk	Vertical	80	Lose Product
DYmond Pipe	Vertical	80	Liquid / Slurry
DYmond HP	Vertical	80 / 120 / 160	High Power
DYmond DE	Vertical	80 / 120	Dual Energy
DYnamite	Vertical	120 / 160	Very High Power
DYmond S	Side View	1 x 80	Single Side View
DYmond DSV	Side View	2 x 80 / 120	Dual Side View
DYmond D	Side View	2 x 80	Orthogonal
DYmond M	Side View	3 x 80	Multi View
DYmond D3T	Side View	3 x 80	Orthogonal + Top View
DYAGONAL	Side View	2 / 3 / 4 x 80	Multi View

DYnamite



DYlite



DYmond S



Industry





Metal Detection
In-Line Checkweighing
X-Ray Inspection
Combination Systems

CW3 Checkweigher



LOMA SYSTEMS is a global leader in inspection equipment for the food, packaging, and pharmaceutical industries. Their advanced solutions include metal detectors, X-ray inspection systems, checkweighers, and combination systems, designed to **detect contaminants, verify product integrity, and ensure compliance.**

Renowned for accuracy, durability, and innovation, LOMA's equipment enhances quality control, prevents contamination, and protects brand reputation. With over 130,000 systems installed worldwide, LOMA delivers reliable, customizable solutions supported by a dedicated global service network.

IQ4



X5 Pack



Product Range Metal Detection, Check-weighing, X-Ray Inspection, Combination systems

Details

Metal Detectors: Detect all metal contaminants in conveyorised, gravity-fed, and pharmaceutical products.

X-Ray Inspection Systems: Detects metal, glass, bone, stone, and dense plastic contaminants, while also performing integrity checks.

Checkweighers: Weighs products dynamically for accurate weight verification.

Combination Systems: Integrated metal detection, X-ray, and weighing systems for streamlined inspection.



Industry

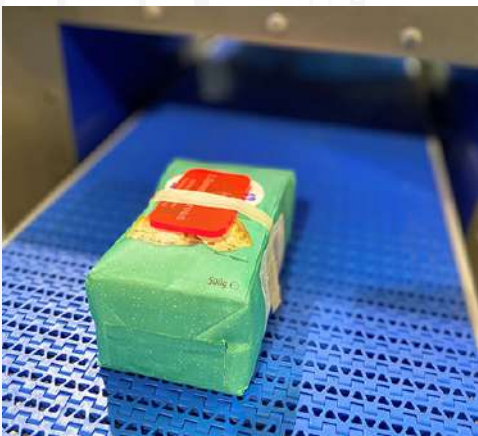


Technology	Type	Model
Metal Detection	IQ3X IQ3 + E IQ4X IQ4H IQ4M	Run-Wet, Conveyor, Pipeline, Vertical Fall, Wafertin, Pharma
X-Ray Inspection	X5	SpaceSaver, Pack, Curtainless, Sideshooter, Pipeline, Bulk
Checkweighing	CW3	Run-Wet, 400UL, 1500L, 600M, 12'000HW, 60'000SHW
Combination Systems	Combi	Run-Wet, IQ4+CW3, X5+CW3

Combination Systems



IQ4 Wafertin



Detectable Products



Detectamet is a global leader in designing, manufacturing, and supplying metal and X-ray **detectable food safety products**.

Their extensive product range includes detectable **pens, office equipment, workwear, PPE, knives, mixing and handling tools, tags, labels, storage solutions, cleaning equipment, shadow boards, signage, detector calibration test pieces, and engineering equipment**.

Serving the food, pharmaceutical, and processing industries worldwide, Detectamet operates facilities in the UK, USA, Canada, Australia, and Germany, adhering to ISO 9001, ISO 14001, and ISO 45001 certified management systems.

Metal Detectable Implements



Food-Grade Disposable Gloves



Product Range Metal & X-Ray Detectable Products

Details Metal & X-Ray detectable products made from a **shatter proof detectable polymer** to prevent foreign body contamination. Food safe, visually detectable with cleanable surfaces meeting international & factory hygiene control standards.

Industry



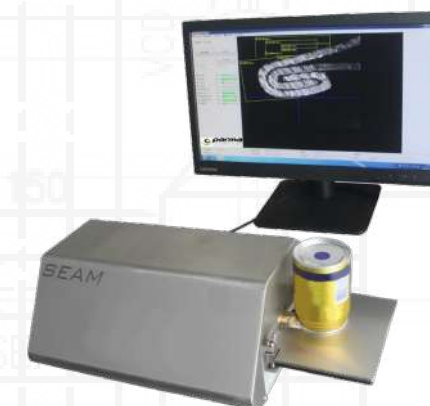
In-Line Inspection



Parma controls specialises in control systems for the packaging sector, serving industries such as **food, canning, bottling, pharmaceuticals, and chemicals**. Their expertise covers the production of industrial packaging made from metal, glass, plastic, and related closures.

The company provides advanced solutions, including X-ray inspection machines, canning and filling inspection systems, and metrological systems. Additionally, Parmacontrols offers tailored services such as remote support, scheduled and preventive maintenance, and re-control services to ensure optimal performance and quality assurance for their clients.

Laboratory Container Inspection



Expiration Date Verification



Product Range Metal, Glass & Plastic Container Metrology - Canning & Bottling

Details Comprehensive range of laboratory instruments for **quality assurance of metal, glass and plastic containers used in packaging**.

Production controls for the canning bottling and packaging industries, including: EBI, 360° Visual, Seam Inspection, Level, Vacuum & Pressure Inspection, OCV, OCR & Weight control.

Industry





Testing, Lubricating & Sorting
Dedusting & Polishing
Tablet & Capsule Inspection

NutraTec Deduster



Pharma Technology is a global leader in **tablet and capsule handling solutions**, serving industries from nutraceuticals to high-containment pharmaceutical applications.

Their innovative equipment supports **tablet presses, capsule-filling machines, and packaging lines**, ensuring efficiency, compliance, and seamless integration into production workflows. With customisable containment levels, from Dust-Tight (DT) to High-Containment (HC), Pharma Technology delivers tailored solutions for precise dedusting, polishing, external lubrication, sorting, and quality control.

iSpray



CUB-X



Product Range NutraTec Deduster, iCaps HC Polisher, iSpray Lubrication, iSort Sorting System, CUB-X Inspection

Details **Dedusters & Polishers** – Integrated metal detection, including NutraTec for nutraceuticals and iCaps HC for high-containment needs.
Tablet & Capsule Testing – IPC testers for lab and full-scale production. External Lubrication
iSpray – Dry lubrication system reducing defects and boosting efficiency.
Sorting Systems (iSort) – Defective tablet/capsule removal with iLift integration.
360° Quality Control (CUB-X) – from lab testing to high-speed in-line monitoring.

Industry



Visual & Colour Sorting

Extra Sorter



Protec specialises in designing and manufacturing **electronic inspection and optical sorting systems for the agri-food industry**. With over 25 years of expertise, they provide advanced **colour sorting technology** that ensures precise separation of products based on colour, shape, and quality.

Their **high-speed optical sensors** detect and remove defects, foreign materials, and unwanted colour variations, improving **product uniformity and quality control**. Protec's solutions enhance **efficiency and competitiveness** in industries such as **food processing, seafood, wine-growing, and agriculture**.

Dual 600 AI



X-Tri



Product Range Colour & Optical Sorter

Details **Extra Sorter** – Optical sorter for fruits and veg: Detects rot, mould, & foreign bodies. Uses high-resolution cameras & precise rejection systems.
X-Tri – Designed for winemaking grapes. Removes defects, foreign bodies, and unripe grapes. Uses air jets and colour-based detection.
Dual 600 AI – AI-powered optical sorter using a Dual-camera system for precise defect removal.

Industry



Igos



RF Systems is a leader in **smart thermal processes**, specialising in **advanced infrared and microwave technologies** for industrial heating and drying. Serving industries like **food, pharmaceuticals, and manufacturing**, their solutions ensure precise temperature control, uniform heat distribution, and energy efficiency.

With intelligent control systems for real-time monitoring and adaptability, RF Systems enhances product quality while reducing costs. Committed to sustainability and performance, they provide reliable, efficient, and innovative thermal solutions for modern industrial operations.

Aries



Therio



Product Range Aries, Therio, Igos
Details **Aries** - Suitable for drying of baked products.
Therio - Defrosting of meat and vegetables.
Igos - Pasteurisation of loose and packaged products.

Industry



Sea Vision OCV/Databox



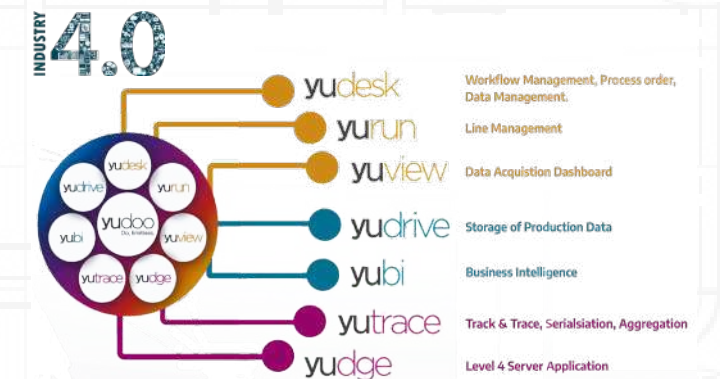
SEA Vision is a global leader in **vision inspection, serialization, and Pharma 4.0 software**, operating in over 60 countries. With advanced machine vision technology, Track & Trace serialization, and cutting-edge digital solutions SEA Vision ensures compliance, efficiency, and quality control in **pharmaceutical manufacturing**.

Their scalable Pharma 4.0 platform helps businesses leverage data, optimize processes, and drive smart decision-making in modern production environments. SEA Vision is committed to advancing innovation and enhancing productivity in pharmaceutical operations worldwide.

Harlequin/HarleNIR System

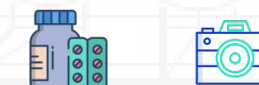


Yudoo Software



Product Range Harlequin, HarleNir, Databox, OCV, Yudoo Software Suite
Details **Vision Inspection Systems** - Detects active ingredients, missing/broken tablets, & dusty blister packs.
Serialization & Track & Trace - Ensures anti-counterfeiting compliance with full traceability.
Pharma 4.0 & Yudoo - Provides digital solutions for data integration, process monitoring, & efficiency.
Comprehensive Compliance - Meets global pharmaceutical regulations for safety and traceability.

Industry



Marlin



Spookfish specializes in cutting-edge, **in-line product monitoring solutions using infrared imaging, machine learning, and intelligent analytics.** Their systems ensure 100% quality control for seals and packaging across various formats, including bottles, sachets, tubes, and trays.

With high-sensitivity cameras, spectral imaging, and Industry 4.0 integration, Spookfish detects defects in real-time, predicts line deterioration, and optimizes processes without human intervention. This reduces waste, prevents recalls, and eliminates destructive testing, ensuring sustainability and efficiency in manufacturing operations.

Snipe



Spectral Imaging



- Product Range** Heat Seal Inspection/ In-Line Product Monitoring
- Details** **Seal inspection** for bottles, sachets, stickpacks, tubes, bags, pots, trays.
- In-line product monitoring** with spectral imaging, deep learning, high colour sensitivity and intelligent analytics



Roll2Roll Printing & Inspection System



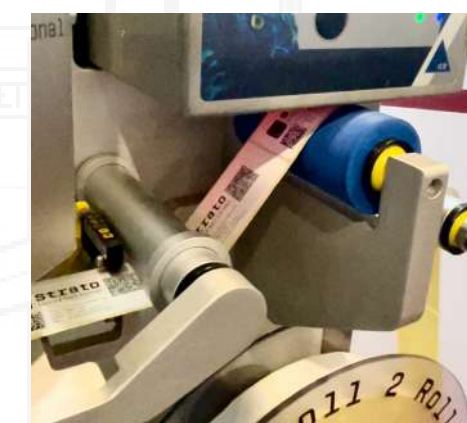
Strato International, part of the Techniques Group, specialises in cutting-edge **track-and-trace serialisation systems** for **pharmaceuticals, cosmetics, nutraceuticals, and food industries.**

Their solutions ensure full compliance with global regulations (including 21 CFR Part 11), anti-counterfeiting protection, and seamless supply chain integration. With **high-precision printing, inspection, and tamper-evident labelling,** Strato International delivers trusted serialisation technology for modern manufacturing needs, ensuring product authenticity, safety, and regulatory adherence across industries.

STRATO SPCC Station



Roll2Roll



- Product Range** Strato SPCC, Strato Roll2Roll, Automatic & Manual Aggregation Stations
- Details** **SPCC Station** – Combines Wolke touch printer & Sea Vision OCV for precise serialisation.
- 21 CFR Part 11 Compliance** – Ensures traceability, audit trails & validation.
- Flexible Integration** – Operates post-cartoning or as a standalone system.
- Roll2Roll Printing & Inspection** – Ensures high-quality printed labels before application.
- Aggregation Stations** – Supports automatic & manual serialised packaging.



Label Applicator



Tigre Solutions is a leading South African **manufacturer of packaging automation machinery** for FMCG applications. Based in Durban, they offer comprehensive solutions including **liquid filling, capping, labelling, and conveyor systems**, serving industries such as food, cosmetics, pharmaceuticals, and chemicals. Utilizing advanced 3D rendering software, their machinery is customised to meet specific client needs, ensuring high-quality, durable, and efficient performance.

Tigre Solutions is committed to exceptional service, providing full consultancy and technical support to maximize client productivity.

Liquid Filling Machine



Conveyor Systems



Product Range Filler, Capper, Labeller Machines, Conveyoring

Details

Liquid Filling Machines: Suitable for a wide range of liquids, ensuring precision and speed.

Capping Machines: Automated solutions for securing caps on containers.

Labelling Machines: Efficient and accurate labelling systems.

Conveyor Systems: Custom-built conveyors for seamless product movement.

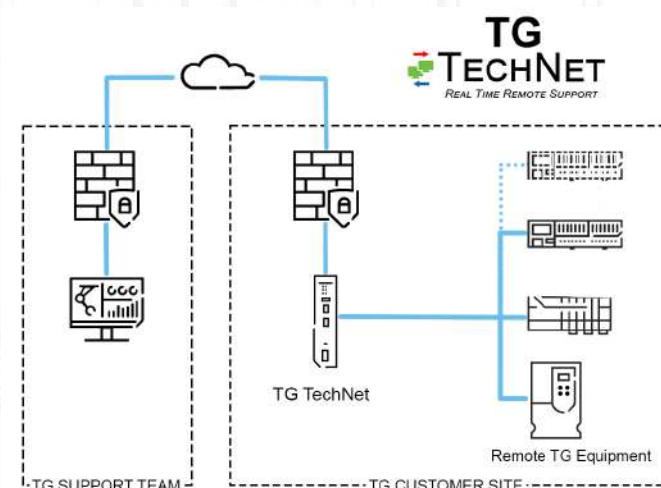
Industry



28



TechNet System



TG TechNet is a cutting-edge remote support technology that enables technical support staff to **access devices in real time** for efficient troubleshooting and resolution of technical issues. By allowing remote analysis and resolution of queries or machine breakdowns, TG TechNet significantly reduces downtime and ensures uninterrupted operations.

This innovative solution facilitates rapid diagnostics, system optimisation, and improved maintenance capabilities without the need for on-site visits. TG TechNet is a dependable solution for streamlining support processes and enhancing operational efficiency.

TG Technet



Remote Support



Product Range Remote Connectivity for equipment support.

Details Remote support technology allows technical support staff to access device/s in real time in order to **analyse & resolve queries & breakdowns remotely**.

Industry



29



m610 Touch Print on Carton



Videojet Technologies is a global leader in coding, marking, and labelling solutions. The company offers innovative technologies, such as **inkjet, laser, and thermal transfer systems**, to help businesses ensure product **traceability, brand protection, and regulatory compliance**. Serving industries like food and beverage, pharmaceuticals, consumer goods, automotive, and electronics.

Videojet is dedicated to quality and sustainability. Their solutions help manufacturers streamline operations and enhance product integrity across production lines.

1580C



m610 touch with printhead



Product Range Continuous Inkjet (CIJ), Thermal Transfer (TTO), Thermal Inkjet (TIJ) and Laser Marking Systems

Details Videojet printers can print a wide variety of information, including:

Product Identification: Serial numbers, batch codes, and model numbers.

Traceability Codes: Barcodes, QR codes, and DataMatrix codes.

Date and Time: Manufacturing dates, expiration dates, and timestamps.

Regulatory Information: Compliance markings and certifications.

Branding: Logos, product names, and promotional messages.

Variable Data: Customizable text or numbering for each product.

Industry



Technology	Type	Model
Continuous Inkjet	CIJ	1280, 1580+, 1580 C, 1880+, 1880 HR, 1880 UHS
Laser	L	UV - 7920 Fibre - 7610, 7510, 7340, LightFoot C02 - 3640 60W, 3350 30W, 3140 10W
Thermal Transfer	TTO	6530, 6330, 6230
Thermal Inkjet	TIJ	8520, Wolke m610 Adv, Wolke m610 oem
Large Character Inkjet	LCM	2380, Unicorn, Unicorn II
Print & Apply	LPA	9560
Software	CS	ClariSuite

7330



9560



TTO Zodiac Falcon



2380



Consultation



Bespoke Solutions

Tailored solutions designed to meet your specific needs and industry requirements. Our team works closely with you to understand your challenges and provide customized recommendations.



Expert Consultations

Benefit from consultations with our experienced professionals to guide you through selecting the right products and services for your business.



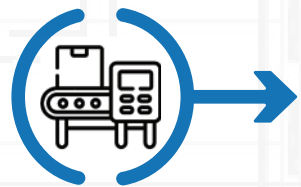
ISO-Certified Quality Assurance

All our products and services adhere to ISO standards, ensuring reliability, safety, and top-notch performance.



Free Product Testing

Evaluate our products with confidence. We offer complimentary product testing to ensure they meet your expectations and align with your operational goals.



Demos & Rentals

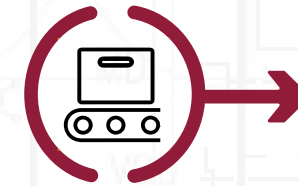
Explore the possibilities of our equipment with demo trials and rental options, allowing you to experience their performance and suitability at your site. Subject to terms and conditions.



Systems & Software Upgrade

Our upgrades enhance performance, improve efficiency, and extend the lifespan of your equipment while minimising downtime. With expert support and tailored solutions, we help you stay ahead of evolving industry demands and regulatory requirements.

After Sales Service



Factory Acceptance Test (FAT)

This process includes thorough functionality checks, performance verification, and compliance assessments in the presence of the client or their representatives. By conducting FAT, we minimise the risk of on-site issues, ensuring seamless integration and optimal performance upon installation.



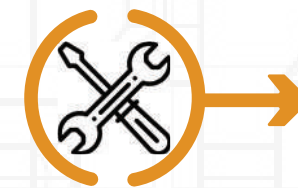
Delivery, Installation & Commissioning

Our expert team ensures that all equipment is set up correctly, tested for functionality, and calibrated to meet operational requirements. We provide hands-on training and support to guarantee a smooth transition and optimal performance from day one.



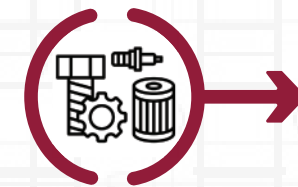
Calibration Services

Maintain accuracy and precision with our expert calibration services, designed to keep your equipment performing at its best.



Maintenance & Breakdown Service

Our dedicated team provides 24/7/365 maintenance and breakdown services to minimize downtime and keep your operations running smoothly. We also offer flexible service contracts to provide ongoing support and ensure your equipment operates at peak efficiency.



Spare Parts

We supply spare parts for our machinery as well as keep critical stock on hand for quick availability. We can also procure additional parts from our principals overseas as needed.



Test Pieces for Metal Detectors and X-Ray Systems

Ensure optimal performance with our custom-designed test pieces, specifically tailored for metal detectors and x-ray inspection systems. These pieces are created to meet specifications to industry standards, providing accurate and reliable testing results.



Our Customers Include:





TECHNIQUES GROUP

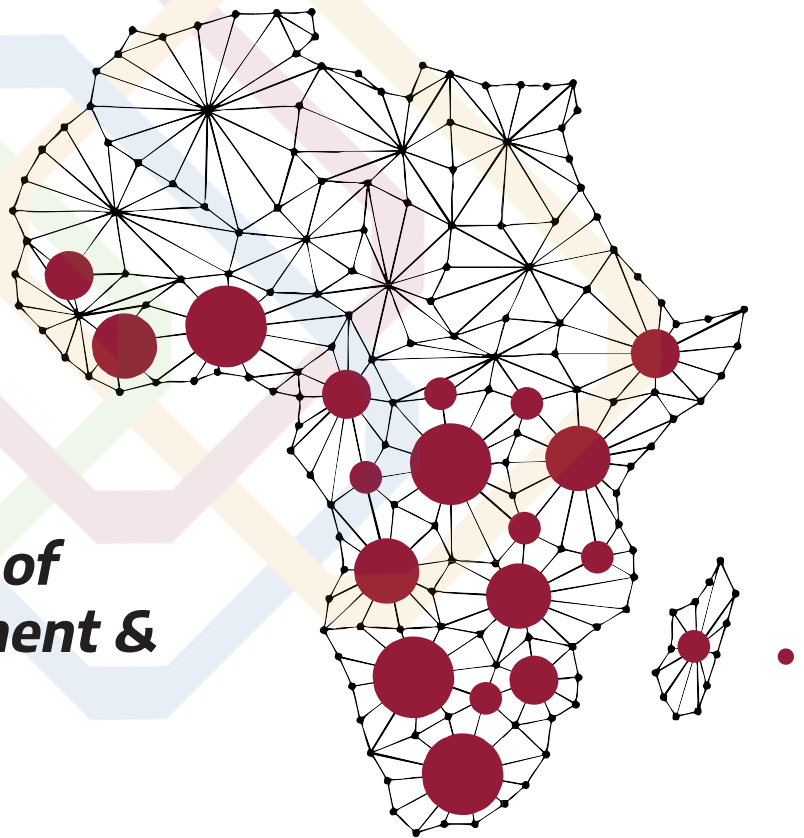
Website

Brochure Drive

Contact Card



***SA's Leading Suppliers of
Quality Control Equipment &
Machinery to Africa***



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