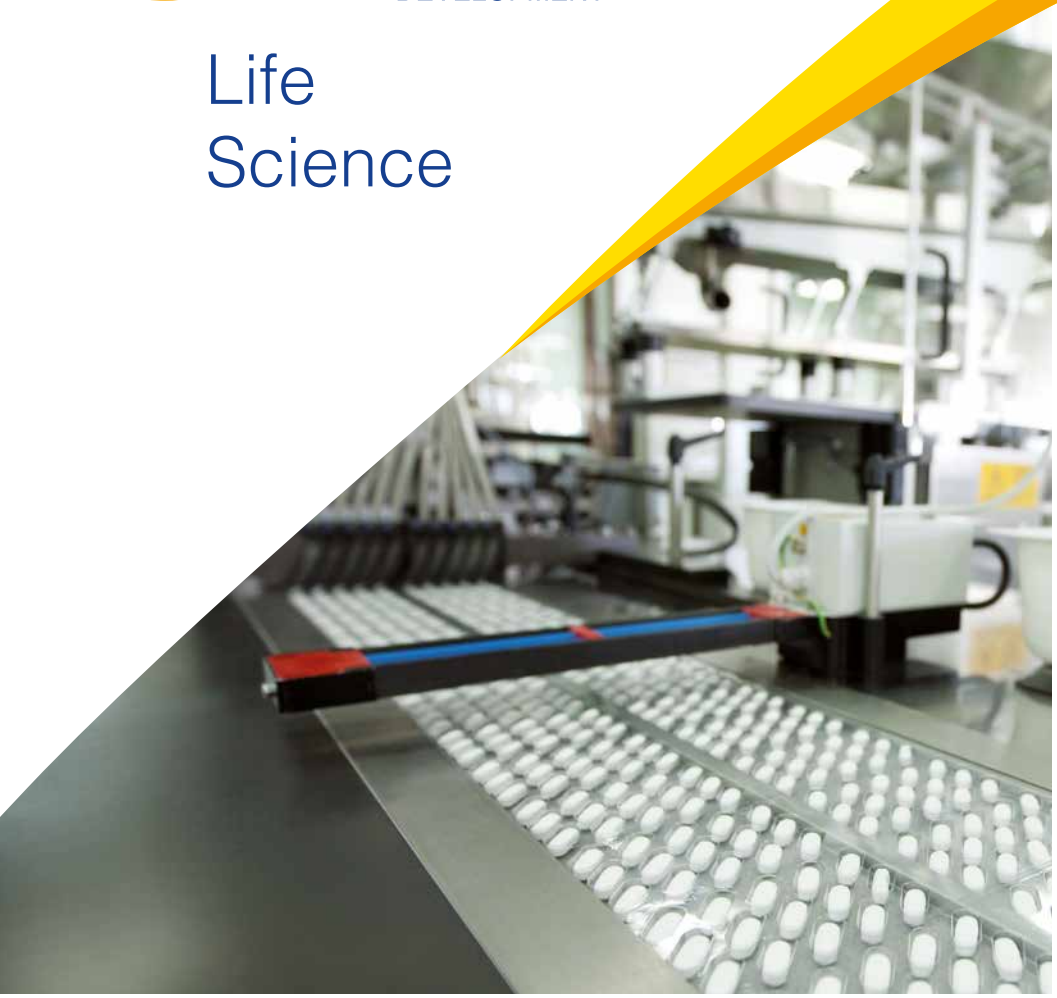
iBD

INTERNATIONAL
BUSINESS
DEVELOPMENT

Life Science



CRL Central Research Laboratories
a DESTACO company

With 75 years of experience, CRL is a global leader in the remote handling industry.

Central Research Laboratories (CRL) is an engineering and manufacturing company that has been developing remote handling solutions, including Telemanipulators, Transfer Systems, and Glove Ports, for 75 years.
Its innovative technologies promote operator safety and efficiency in Nuclear and Life Science applications around the world.

CRL works directly with its customers to identify the best solutions, from standard product offerings to customized development, ensuring the best solution possible for safe and confident handling - for every application need.

RAPID TRANSFER PORT
- Easily operated with one hand
- 45° handle turn radius frees up
- DPTE® Getinge-style beta compatible
- Minimal moving parts for easy cleaning and maintenance
- Standard sizes available for retrofits

SINGLE-USE BETA BAGS
- Compatible with CRL or DPTE® Getinge-style Alpha Ports
- 190 mm diameter available; 105 mm and 270 mm in development
- Autoclavable or gamma-sterilizable
- Removable, reusable handle system (required for use)
- Inventory stocked, eliminating long time deliveries

STANDARD BETA CONTAINERS
- For safe and contained transport or storage of products, components, samples and waste
- Compatible with CRL or DPTE® Getinge-style Alpha Ports
- Gas tight design
- Multiple materials, sizes and lengths available

AUTOCLAVEABLE BETA CONTAINERS
- 1.5 in. Tri-Clamp vent port for use with with 0.2 µm filter and housing
- Available in 316L Stainless Steel and anodized Aluminum
- Stainless Steel perforated baskets available to ease unloading and improve sterilization process

BETA ACCESSORIES
- Sterile Liquid Tranfer port
- Sterile Powder Tranfer port
- Beta Flange with Tri-Clamp Fitting
- Beta Bag Flange

CUSTOMIZED SOLUTIONS
- Rotating Alpha Port, manual or electric driven

STERAMIST® iHP | iONIZED HYDROGEN PEROXIDE

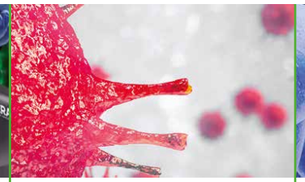
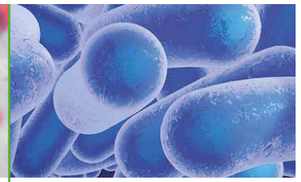
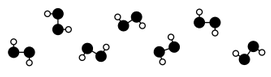
BEHIND THE **COLD PLASMA PROCESS** OF iHP™

Manycompetitors rely on corrosively high concentrations of H_2O_2 for efficacy, and many others use harsh chemicals, additives, and heavy applications that can damage sensitive equipment and surfaces. While competitors only vaporize or spray, **SteraMist ionized**.

Using cold plasma technology, SteraMist generates BIT™ Solution's sole active ingredient of 7.8% H_2O_2 to form Reactive Oxygen Species (ROS): naturally-occurring atmospheric hydroxyl radicals (•OH) that quickly oxidize cells on contact to deliver superior surface compatibility and disinfection efficacy.

7.8% HYDROGEN PEROXIDE

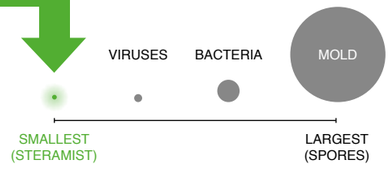
92.2% INACTIVE

1. **COLD PLASMA**	2. **DISPERSION**	3. **CONTACT**	4. **DISRUPTION**
			
BIT™ Solution is connected to iHP™ after passing through a cold plasma arc.	iHP™ mist is created, moving like a gas throughout treated areas for 360° coverage.	Microorganisms are killed on contact via oxidation of lipids, carbohydrates, & proteins.	Area disinfection and decontamination occurs via cellular disruption.
 HYDROGEN PEROXIDE PARTICLES	REACTIVE OXYGEN SPECIES (ROS)	DISINFECTING OXIDATIVE BURST	

A SIX-LOG KILL PACKED INTO **NANO**METERS

POWERFUL MICROSCOPIC PARTICLES

iHP technology produces microscopic particles as small as 30-40 nanometers, resulting in an ultra-lightweight mist with unmatched maneuverability to evenly and consistently treat hidden and impossible-to-reach areas.



SteraMist technology id EPA registered (#90150)
& Authorized for Sale by Health Canada (DIN #02469448).

STERAMIST SURFACE UNIT

- Fully portable, hand-held, point and spray disinfection/decontamination system
- Application time of only five (5) seconds per square foot and a seven (7) minute contact time
- Decontaminates high touch surfaces

STERAMIST ENVIRONMENT SYSTEM

- Transportable and provides complete room decontamination, deodorization and mold mitigation using multiple treatment applicators per unit
- Effective complete room treatment in just under fortyfive (45) minutes for a room 100 m^3

STERAPAK

- Convenient, portable backpack unit
- Perfect for maneuvering into any area
- Features a rechargeable battery and direct power option
- Designed to meet any budget

BIT SOLUTION

- Non-hazardous to ship and store (**7.8% hydrogen peroxide**)
- No toxic chemicals that are highly corrosive and hazardous
- Intensive preparation is not required and if exposed, there are no harmful effects to the health of personnel, as long as eyes and mucus membranes are protected
- SteraMist BIT leaves the environment with only oxygen and water (humidity) and no residue

ROLAND
sensor technology

ROLAND
sensor technology

Roland Electronic develops, produces and distribute highly specialized systems for factory automation and quality control since 1965.

Roland sensors and controllers solve tasks that are not solvable with standard sensors.

Since 1995, the company is certified to ISO 9001 with a quality “Made in Germany”.

I10KV PHARMA BLISTER CONTENT VERIFICATION

Pharma Blister content verification.
Fast verification of the right number of blister strips in a package is made by ROLAND ELECTRONIC with the non-contact and inertia free inductive measurement system I10 KV. The cost-effective noncontact testing with dual head sensors from ROLAND ELECTRONIC provides not only price advantages but also higher processing speeds.

- Inductive Technology
- Teach-In to learn new cartons
- Memory for 255 carton types
- Parallel PLC interface
- Alphanumeric display for operator and diagnostic
- Controller for Wall-Mounting or Panel Integration
- Sensors for Horizontalm and Vertical Transport

DESTACO
A STABILUS COMPANY

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Automation Solutions and Intelligent Precision Solutions “Made in Europe”.
DESTACO Manufactures a wide range of products, including rotary positioners, precision conveyors, grippers and tool changers at locations in Germany and France. This enables us to realize short delivery times and customer-specific special solutions.

PRECISION INDEXING CONVEYOR

- Combines excellent accuracy and high load capacities
- Long-term accuracy and reliable; >20 years
- Flexibility with infinite possibilities
- Low maintenance cost - High efficiency

MECHANICAL AND SERVO ROTARY POSITIONERS

- Controlled acceleration and decelerations
- Smooth motion
- Preloaded for no backlash
- Shaft or flange output

GRIPPERS

- 2 finger parallel gripper
- 2 finger parallel gripper for special applications
- 2 finger parallel gripper with large stroke
- Parallel gripper with large stroke
- 3 finger gripper angular gripper
- Parallel gripper with large stroke
- 3 finger gripper Angular gripper

I.B.D. International Business Development was founded in 1997 with the main aim of researching and selecting products and systems with high technological content in order to introduce them to the Italian Pharma, Automation and Robotics, Automotive and General Industry markets.
Offering quality has always been the imperative of **I.B.D.**, a choice that has proven to be rewarding both for the company and for its customers, which consist of companies that identify technological excellence as the main lever of productivity and competitiveness.
In recent years **I.B.D.** has developed its own mission and its own range of offerings: from technical-commercial consultancy to the distribution of products and systems which are selected mainly from among the most accredited foreign brands.
I.B.D. can offer a very selective and at the same time extensive product range.

I.B.D. staff speaks several languages and is technically skilled: therefore can provide in-depth advice on product choice, suggest alternatives, and identify the best solution from the wide range of products offered and select the most adequate in terms of performance.
I.B.D. can guarantee order fulfillment in 24 to 48 hours anywhere in the country. We grant quality, prompt delivery, and considerate service.

OUR PARTNERS:

CRL Central Research Laboratories a DESTACO company

STERAMIST DISINFECTION & DECONTAMINATION

ROLAND sensor technology

DESTACO A STABILUS COMPANY

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