



# PHARMACY AND COSMETICS



 MEMBER OF  
INTERPUMP GROUP

Digital catalogue:  
Interactive table of contents  
Interactive action symbols



External links



Back to index

## CONTENTS

<b>EXPERTS IN SOLUTIONS FOR THE PHARMACEUTICAL AND COSMETIC INDUSTRY</b>	3
INOXPA FOR THE PHARMACEUTICAL INDUSTRY	4
INOXPA FOR THE COSMETIC INDUSTRY	4
INOXPA FOR THE HOUSEHOLD PRODUCTS AND FINE CHEMICALS INDUSTRY	5
SOLUTIONS AND SYSTEMS	5
LIQUID / SOLID PROCESSES	6
AUTOMATION	7
ATEX	7
VALIDATIONS	7
<b>COMPONENTS</b>	8
<b>CASE STUDIES</b>	9
<b>PILOT PLANT</b>	9
<b>DISTRIBUTION NETWORK</b>	10



## RELIABILITY, SAFETY AND OPTIMISATION OF PROCESSES

Our knowledge and know-how accumulated over the years means we can offer tailored solutions and manufacture products based on each company's needs.

## TECHNICAL KNOWLEDGE AND COMPONENTS FOR QUALITY SOLUTIONS

In order to ensure the best possible outcome for our solutions, we have an extensive range of proprietary manufactured components and apply process knowledge to the design of all equipment and installations, as such complying with **Good Manufacturing Practices (GMP)** that ensure high quality, reliable, safe and efficient production that prevents cross-contamination.



## EXPERTS IN SOLUTIONS FOR THE PHARMACEUTICAL AND COSMETIC INDUSTRY

INOXPA has extensive experience in manufacturing quality equipment and components for hydraulic flow control, agitation and mixing, with the handling of solid ingredients, first-class engineering and process knowledge.

We offer tailor-solutions for the following industries:

- pharmaceutical
- biotechnological
- veterinary
- cosmetic
- household products and fine chemicals



## INOXPA FOR THE PHARMACEUTICAL INDUSTRY

The pharmaceutical, biotechnology and veterinary sectors are undoubtedly the most demanding in terms of hygiene.

Equipment and installations must be rigorously designed in accordance with the strictest standards and use high quality components that comply with the most stringent health and safety standards for the manufacture of different types of analgesics, anti-inflammatories, vaccines, and also different presentations, such as syrups, creams, suppositories, injectables and tablets.



## INOXPA FOR THE COSMETIC INDUSTRY

The cosmetic industry is constantly evolving, with hygiene requirements and health demands becoming more stringent, in some cases requiring installations and equipment with pharmaceutical level finishes and certifications.

INOXPA offer their extensive experience and knowledge to companies in the cosmetic industry, taking on significant technology and hygiene challenges when designing equipment and installations, applying their know-how from developing projects in the pharmaceutical industry.



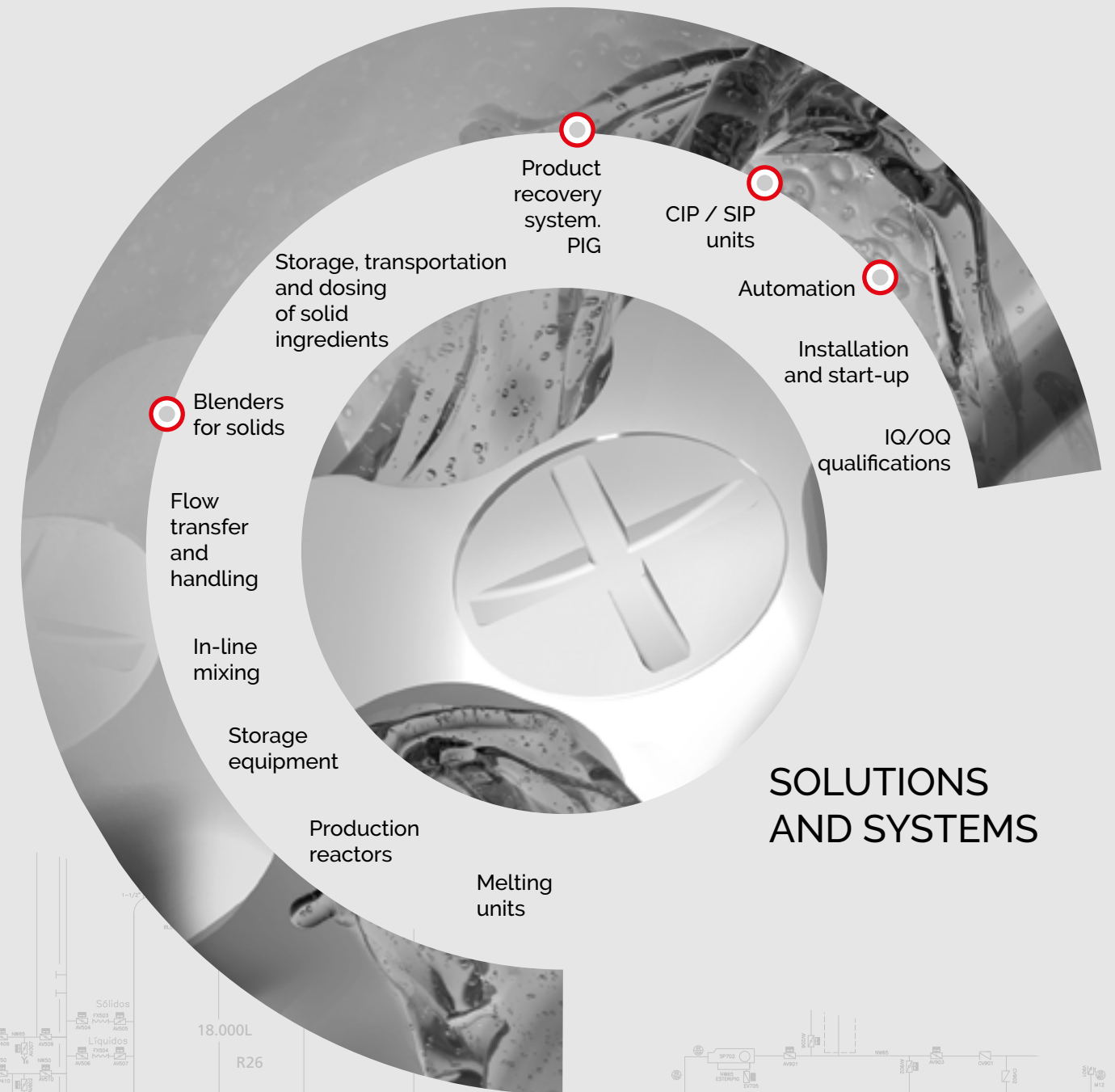
- Syrups
- Creams, gels and ointments
- Ophthalmological solutions
- Suppositories
- Vitamins
- Antibiotics
- Parenteral solutions
- Vaccines
- Fermentation processes, bioreactors
- Solid pharmaceutical forms

- Cosmetic creams
- Lotions
- Gels and shampoos
- Lipsticks
- Deodorants
- Masks
- Hand disinfectants
- Toothpastes
- Hair dyes
- Hair cosmetics and gels
- Shaving creams
- Colognes and perfumes
- Make-up

# INOXPA FOR THE HOUSEHOLD PRODUCTS AND FINE CHEMICALS INDUSTRY

These sectors are evolving from a chemical and industrial concept towards requiring significant hygiene levels, similar to those in the cosmetic and pharmaceutical industries.

INOXPA can bring their experience and knowledge in these areas to support companies through such a demanding yet necessary transition.



## LIQUID / SOLID PROCESSES

INOXPA have accumulated over 50 years' experience in liquid product pumping, blending and flow management, and after a specialised company was recently added to the group, we also have vast knowledge of storage, transportation, mixing and dosing of solids. This means we can undertake global projects, applying the technological requirements for both areas.



## AUTOMATION

Our equipment, installations and plants always come with high level of automation so they can be validated, including a system of recipes, reports or records, the possibility of SCADA supervision throughout the plant, and there is the option to develop the automation in accordance with the FDA Audit Trail CFR 21 part 11.

The automation systems of INOXPA plants or installations can comply with Industry 4.0 requisites.

## ATEX

Many processes in the pharmaceutical and cosmetic industry use products that can generate an explosive atmosphere due to the use of inflammable liquids, alcohol, acetone or other solvents (zone 1 / 2), or due to dust clouds (zone 21 / 22).

INOXPA have knowledge and experience in designing and manufacturing category 2 and 3 equipment in order to be able to work in these zones and to perform tests and generate necessary documentation and dossiers, which are submitted to the notified body when required, in accordance with directive ATEX 94/9/EC.

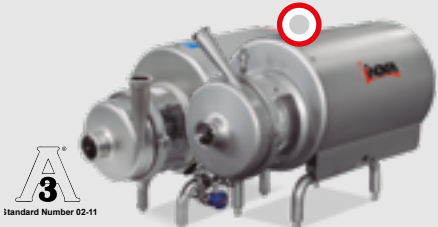


## VALIDATIONS

INOXPA have the capacity and knowledge to prepare the documentation required for IQ / OQ qualifications for the equipment and installations we design and produce.

A good FAT test with parameter control that requires IQ / OQ validation, along with a SAT or start-up test at your plant by our specialised technical team will significantly facilitate the validation process of the installation you have to carry out.

# COMPONENTS



Centrifugal pumps:  
Prolac HCP, Prolac HCP-WFI



Rotary lobe pump: SLR



Progressive cavity pump: Kiber



Product recovery system: PIG



Magnetic agitator: BMA



Tank bottom mixer: ME 6100



Agitator with mechanical seal: CXC



Counter-rotating agitator: MCR



Table blender: MM



Seat valves



Filters



Valves





## CASE STUDIES

From its very first moment, INOXPA has had but one objective: to satisfy the needs of its customers. To achieve this goal, INOXPA is committed to bringing a quality service closer to the customers.



## PILOT PLANT

We have a fully equipped Pilot Plant in which we can perform any type of test and reproduce recipes on a small scale to validate your manufacturing process using INOXPA equipment.

The results enable our technical team to advise our customers regarding optimisations for their manufacturing processes.





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## DISTRIBUTION NETWORK

Our extensive network of branches and distributor partners ensures we are close to our customers to guarantee them a fast and effective service from project development through to implementation and validation, including after-sales phase, and throughout the installation's useful life.