



# **Ultraclean sterile transfer solutions**

FOR THE GLOBAL BIOPHARMACEUTICAL INDUSTRY



# Your partner for ultraclean sterile transfer solutions in the global pharmaceutical industry

## Co-development with pharma to better address unmet needs

ABC Transfer has been created by aseptic industry experts in co-development with pharma and isolator companies. This collaboration began with conducting a feasibility study which revealed more than 70 opportunities for improvement in Rapid Transfer Systems: GMP compliance, ease of cleaning, sterility assurance and ultra-cleanliness, lifecycle cost, maintenance, ergonomics, productivity, health and safety in production and social and environmental impacts, amongst others.



### Thierry Girard

Thierry has 30 years' experience as an executive in mid-size industrial companies, including the pharmaceutical and medical device sectors, and managing complex international B2B relationships.



### Jean-Luc Schneider

Jean-Luc has 25 years' experience as Product Manager, Design Office Manager and Industrial organization Manager.

Both Thierry and Jean-Luc have worked for the market leader of transfer technology in Vendôme (France). Thierry as President and Sales Manager for over 5 years and Jean-Luc as R&D Manager.

They have strong knowledges and background in the pharmaceutical industry and have complementary competencies (expertise) allowing them to structure the business development in the best conditions. Our new products are designed from scratch with the reference market but are compatible to the different RTP in the sector.

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We have developed a range of high-quality Rapid Transfer Systems (RTS) solutions in cooperation with pharma companies. Patient safety, increased regulation, vital requirements for manufacturing new generation pharmaceutical drugs (cell therapy, nanopowders, new anticancer, etc.), automatization, plus other trends are among the many challenges the pharmaceutical industry has to address.

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Thierry Girard & Jean-Luc Schneider



# ABC Transfer<sup>®</sup> Beta Container

## CONNECTION AT YOUR FINGER TIPS

**Beta Containers are used repeatedly on production lines to transfer sterilized tools or components to the filling line. They need to be heavy duty and simple to wash, autoclave, and operate.**

**ABC Transfer is offering a revolutionary concept, which fixes most issues faced by operators and maintenance crews in drug production factories.**



## Easyglide™ Inside

**The ABC Transfer<sup>®</sup> Stainless Steel Container features the revolutionary Easyglide™ seal, designed to improve leak tightness and reduce rotation torque.**

- The container is a class 1 enclosure, which delivers a leak rate under  $10^{-4}$  Pa.m<sup>3</sup>/s at 500 Pa of container over-pressure. This guarantees that your container will remain sterile once autoclaved.

## A Revolutionary Connection Lug Module

**The ABC Transfer<sup>®</sup> Stainless Steel Container is revolutionizing the utilisation of containers thanks to an innovative connection head.**

### • No connection rollers

The utilisation of PEEK sliding pads connection lug module has taken away the requirement for connection rollers, which tend to jam regularly. This is possible because the friction generated by PEEK on stainless steel is very small and does not require any effort.



### • Easy maintenance

The connection lug module can be easily replaced by your maintenance crew. It takes a mere minutes to unscrew it, change it, and screw it back in. Therefore, if it gets damaged, eg, if the container falls on the floor, it can be replaced quickly and the container put back in production.

### • Safer to operate

Like on all ABC Transfer<sup>®</sup> products, the Easyglide™ seal is gripped between two fixed parts. On the container, it is maintained in position between the connection lug module and the body of the container. It is easy to place in its operating position. Once in place, it cannot move.



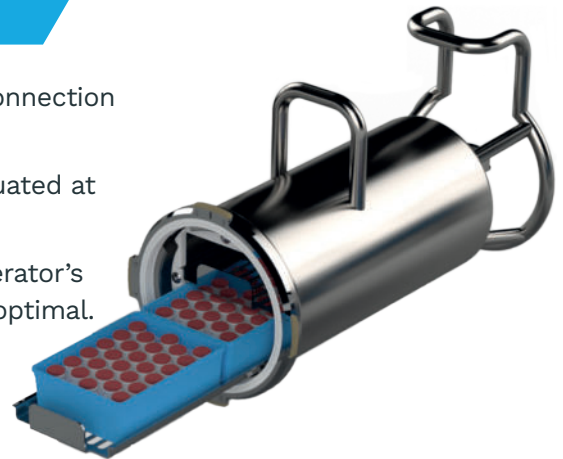
## GMP Design CIP & SIP Made Possible

- No hidden surfaces.
- Components such as the door or the internal connection lug are shaped to facilitate the flow of liquids.
- In addition, the Easyglide™ seal retains no moisture and can be cleaned in place.
- The internal container surfaces feature a surface rugosity of 0.5 µm.
- An electropolishing option is available.



## The Easiest Alpha-Beta Connection

- The Easyglide™ revolutionary seal coupled with the innovative connection lug module reduces friction during rotation.
- The rotation itself is managed via a special ergonomic wheel, situated at the bottom of the container.
- The operator's position during the process is ergonomic. The operator's visibility on the Alpha Port and the entire connection process is optimal.
- The ABC Transfer® Stainless Steel Container is [compatible with conventional RTP brands](#).



## A Comprehensive Range of Handling Accessories

- **Manufactured to the highest standard and compliant with GMP requirements**

These products are the result of years of drug manufacturing experience in cramped and heavy-duty cleanroom environments. They are designed to be as simple as possible to operate and to maintain.



SteriContainer™



Beta container trolley



Betacleanbag™ trolley

# The ABC Transfer brand

## 70 identified opportunities for improvement

- GMP compliance, patient safety
- GMP compliance, Ultra-cleanliness
- Ergonomy, Operations
- Ergonomy, Maintenance
- Industry responsibility, continuity of supply
- Environmental Responsibility, raw materials consumption
- Social Responsibility, endocrine disruptors

## A brand for sterile processes

- GMP & USP Class 6 compliance
- Ultracleanliness & Performance
- Ergonomy and risk reduction
- Future proof design
- Environmental and Social responsibility

## Environnemental & Social responsibility

### From design to recycling, we prioritize lowering the environmental impact of our products:

- No Bisphenols and no Phtalates in our single-use ported bags
- 50% fewer plastics
- 30% less stainless steel
- All our products are 100% recyclable

## Fighting global warming by offsetting our carbon footprint

More can be done to reduce our impact on the environment. ABC Transfer has subscribed to an environmental program, Reforest'Action, to compensate for our residual carbon emissions. That program is executed in France and its timely implementation is permanently controlled.





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