

# ICONOVO



## Breathtaking innovation

Dry powder inhalers based on multiple inhaler platforms

We bring inhalation expertise to your business



# We bring inhalation expertise to your business

Iconovo is a complete inhalation partner. We take you all the way through your pharmaceutical development, from idea to finalized inhalation product. Our strength is the integrated development of inhaler and dry powder formulation.

Four differentiated technical inhaler platforms can be optimized with your unique dry powder formulation, and we also assist in manufacturing of clinical trial material for early clinical trials and technical documentation for registrations.

# We accelerate access to inhaled therapy

Iconovo is a leading Swedish CDMO company, offering innovative and effective inhalation platforms to the international pharmaceutical industry. We have several types of patented inhalers that can create significant commercial opportunities for the development of both new pharmaceuticals and generic medicine.





## ICores<sup>®</sup> – plenty of twists

- Excellent choice for maintenance treatment**  
Pre-filled reservoir inhaler with up to 180 doses
- Perfect for combination products**  
Dual reservoirs
- Intuitive handling**  
User-friendly, ergonomic design
- Makes the user feel being in control**  
Exact dose counter
- Gives proof of successful inhalation**  
Visual inhalation feedback
- Superior inhaler and formulation protection**  
Screw-on cover and integrated desiccant
- Competitive cost**  
Designed for fully automatic assembly and low-cost manufacturing

Flexible multi-dose dry powder inhaler with feedback features





## ICOcap<sup>®</sup> – treatment in a snap

- **Easy to handle, no loose parts**  
Unique design with integrated mouthpiece cover and patented integrated hinge
- **Freedom of design**  
Exterior can be customized to customer's demands of shape and color
- **Flexible choice**  
Designed with low flow resistance but can be customized to a flow resistance of choice
- **Flexible dosing**  
Designed for standard size 3 capsules with different fill weights
- **Fast way to market and no investment in device manufacturing equipment**  
Commercially available from Iconovo. Manufactured by Stevanato Group.

Capsule based dry powder inhaler, available off-the-shelf





## ICOone® – when one breath is enough

- **Designed for biologics and vaccines**  
 Well protected single-dose inhaler for large doses
- **Attractive price**  
 Smart one-piece design for low manufacturing cost
- **Easy and intuitive to use**  
 Open-Inhale user operation
- **Large dose feasible**  
 Handles up to 50 mg powder formulation
- **Superior humidity protection**  
 Aluminium pouched inhaler(s) with desiccant
- **Great for combination drugs**  
 Optional second cavity

## Single-dose disposable dry powder inhaler for discreet use



Reversed Vortex  
technology

Small size - 50 x 23 x 11 mm  
(L x W x H)



## ICOone<sup>®</sup> Nasal – easy as a sniff

### Based on the proven ICOone platform

- **Designed for biologics and vaccines**  
Well protected single-dose inhaler for large doses
- **Natural mucosal deposition**  
Inspiratory flow driven nasal delivery device
- **Large dose feasible**  
Handles up to 50 mg powder formulation
- **Attractive price**  
Smart one-piece design for low manufacturing cost
- **Easy to carry, discreet to use**  
Small size
- **Superior humidity protection**  
Aluminium pouched inhaler(s) with desiccant
- **Easy and intuitive to use**  
Open-Inhale user operation
- **Great for combination drugs**  
Optional second cavity

## Inspiratory flow driven single-dose nasal delivery device





## ICOp<sup>re</sup>® – easy as one, two, three

- Consistent dosing, ideal for once-daily products**  
Pre-metered device, pre-filled with 30 individually sealed doses
- Suitable for mono, duo or triple products. Each formulation can be developed separately.**  
Two-compartment system
- Easy to see the remaining number of doses**  
Exact dose counter
- Easy to use**  
Three-step operation: Open-Inhale-Close
- Developed for global registration including USA as an AB-rated substitution of Ellipta**  
Same operation as Ellipta
- Good humidity protection**  
Aluminium foil seal
- Versatile inhaler for many types of molecules**  
Suitable for both carrier-based and spray-dried formulations

Pre-metered dry powder inhaler for simple, once-daily treatment



Linear Circle  
technology



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