



Topic Application System

High Performance for Cosmetics, OTC and Prescription Drugs

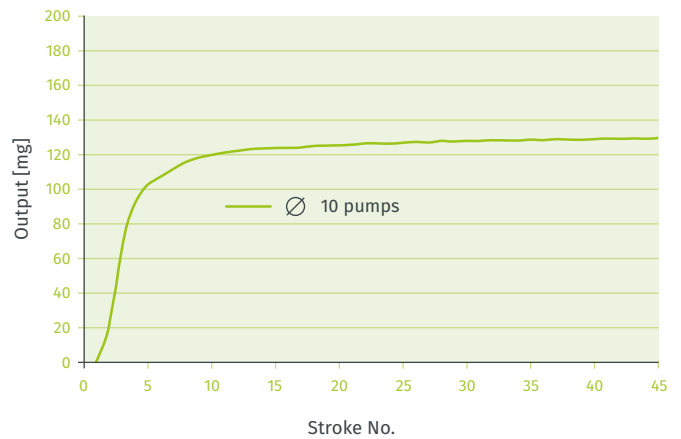
APPLICATION SYSTEMS FOR THE HIGHEST STANDARDS



Adaptable for OTC, Rx and generics

- Dosages available: 45 to 200 mg
- Customized dosage possible
- Compatible with 10, 15, 20, 30 and 50 ml plastic, tubular or molding glass bottles
- Suitable for diverse formulas and viscosities
- Adjustable spray pattern for individual requirements

Dosage Determination – Horizontal Spray 130 mg
Test medium: distilled water



For **preservative-free** formulations our partner Ursatec offers the **3K®-technology**, ensuring the microbiological safety of the system.

CLOSURES – A VARIETY OF OPTIONS



Snap-On



Crimp-On

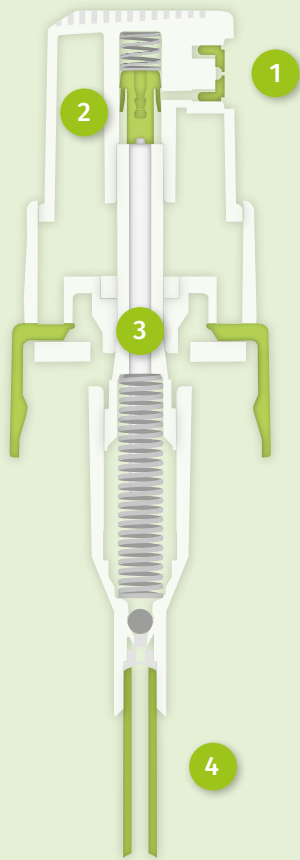


Screw-On



1" Snap-On

Your needs, our technology



- 1 **The nozzle** creates the required spray pattern
- 2 **The valve protects** the content by preventing backflow of the product
- 3 **The closure** is available for different types of bottles
- 4 **The dip tube** will be adapted to the container

Precise metered dose horizontal pumps

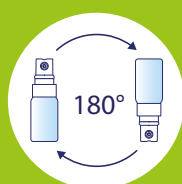


Our topical pumps for dermal application are suitable for a variety of medical and cosmetic treatments. Innovative technologies such as upside-down and airless keep the focus on user benefit.

Thanks to our modular pump system and a variety of nozzles we can individually adjust the dosage and spray performance. As a result, solutions for a wide range of product characteristics, e.g. high viscosity formulations or suspensions, can be covered.

Our lab will support you with the necessary studies and the relevant data for a successful product registration.

SOLUTIONS FOR SPECIAL REQUIREMENTS



UpsideDown



Airless



Child-resistant
packaging



Ultra-soft-spray



Testing

Every project starts with an idea. We provide support in turning ideas into plans and visualising them. We provide test products according to customer specifications, ranging from the first hand-made pump samples to smaller batches for stability.



Technical support

Our laboratory team has specifically been trained to provide extensive advice towards maximising the benefits of integrating our pumps with customer products using innovative testing methods.



Regulatory support

Supporting documentation leading through every stage of the development process up to market launch is just as important as the product itself. We are also more than willing to provide support in the approval phase.



We are looking forward to your request!

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