



# Otological Application System

High Performance for OTC and Prescription Drugs

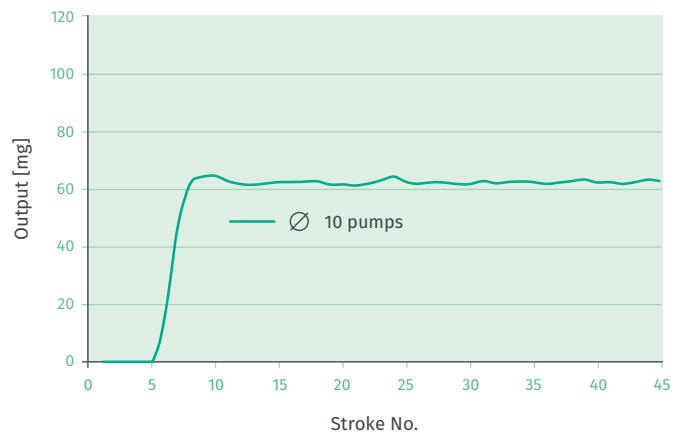
APPLICATION SYSTEMS FOR THE HIGHEST STANDARDS



## Adaptable for OTC, Rx and generics

- Dosages available: 65 to 130 mg
- Customized dosage possible
- Compatible with 10, 15, 20, and 30 ml plastic, tubular or molding glass bottles
- Suitable for diverse formulas and viscosities
- Microbiological seal directly behind the nozzle

Dosage Determination – Ear Spray 65 mg  
Test medium: distilled water



CLOSURES –  
A VARIETY  
OF OPTIONS

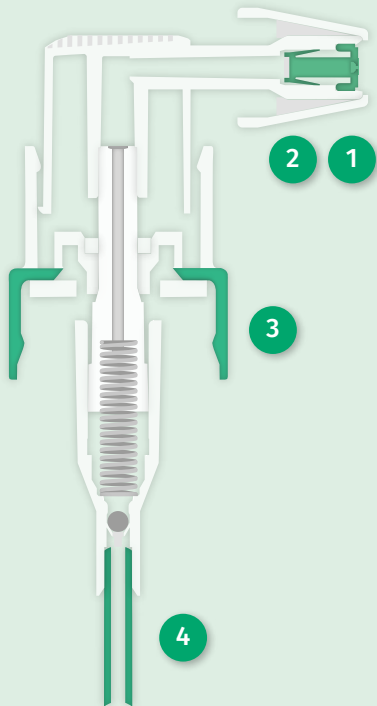


Screw-On



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

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

## SOLUTIONS FOR SPECIAL REQUIREMENTS



Protection cap

## Precise metered dose ear pumps



Our versatile ear pumps for otological use have successfully been used for years in treating ear issues such as swimmer's ear and ear canal conditions.

Reliable and precise application keeps the ear and ear canal protected.

The modular pump system enables the individual adjustment of dosage and spray performance. As a result, 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.



## 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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## Find the right product for your project!

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