



Buccal Application System

High Performance for OTC and Prescription Drugs

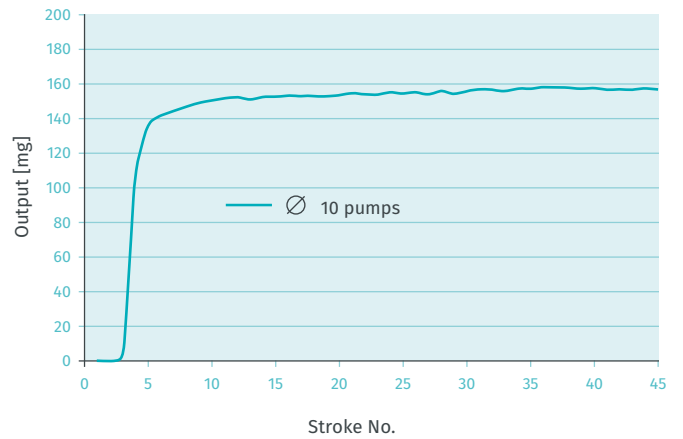
APPLICATION SYSTEMS FOR THE HIGHEST STANDARDS



Adaptable for OTC, Rx and generics

- Dosages available: 65 to 180 mg
- Customized dosage possible
- Compatible with 10, 15, 20, and 30 ml plastic, tubular or molding glass bottles
- Suitable for diverse formulations and viscosities
- Adjustable spray pattern for individual requirements

Dosage Determination - Throat Spray 150 mg
Test medium: distilled water



CLOSURES –
A VARIETY
OF OPTIONS

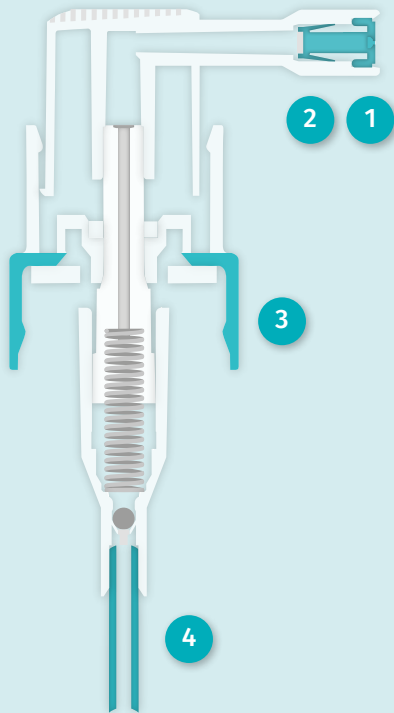


Screw-On



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.

Precise metered dose throat pumps



Our buccal spray pumps are mostly used in treating coughs and colds as well as in mouth sprays. Our systems have also been successfully tested for suitability with viscous formulas. Examples include alcohol-containing formulas and solutions with additives such as eucalyptus.

Our throat pumps provide ideal primary packaging with local and reliable application.

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.

SOLUTIONS FOR SPECIAL REQUIREMENTS



Protection cap



Sublingual 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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