



Comfortable Open Eye Sprays

Introducing Spray Nozzles for Improved Treatment of Dry Eye Disorders

Tiny nozzle pores with low flow resistance enable new eye spray devices to:

1. Create an ultra-soft slow-moving mist, that even sensitive users and elderly people will barely feel (10-30 μm droplets).
2. Apply formulation easily, from a close distance onto the naked eye (less than 10 cm), without triggering a blinking reflex.
3. Spray up to 5 seconds with only one pump actuation.
4. Deliver more formulation to the eye's surface, compared to closed eye spray products.
5. Leave out ethanol and alcohol, eliminating burning sensations for consumers.
6. Function without preservatives, because of a unique and patented contamination barrier.
7. Be used as often as needed: at home, at the office or on the road.
8. Be used with contact lenses.
9. Avoid smudging of make-up, even from a close distance.
10. Avoid the use of propellants, contributing to eco-friendly devices, for a sustainable future.

Medspray, innovative spray nozzles

Medspray manufactures innovative spray nozzles, providing a slow-moving, ultra-fine mist without using fast evaporating propellants or excipients.

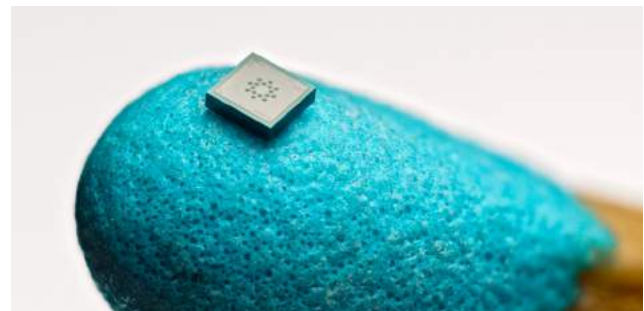


Tiny technology, for a sustainable future

Engineering the size (1-30 μm), number of pores (1-200), vectors and geometric pattern means the industry can tailor the spray application.

A simple pump with a water-based formulation is all it takes to launch new revolutionarily OTC consumer health products (e.g. nasal, ophthalmic, dermal), Rx products (pulmonology, CNS), fine fragrances & personal care applications.

Medspray is well aware that both manufacturers and consumers, are searching for more user-friendly products with less environmental damage. Medspray's nanotechnology-based spray nozzles are developed to offer maximum user comfort and contributing to a sustainable future.



Innovative Eye Sprays in collaboration with Aero Pump

- Dose volume: 45 μg
- Droplet size: can be designed from 10 to 30 μm
- Plume geometry: adjustable from 5 to 50 degrees
- Spray time: 1 to 5 seconds
- No inhalable fraction
- Closure: snap-on 20 mm or screw 18 mm

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