



PFP N™

Pure // Protected



Because consumers prefer preservative-free products, protecting your formulation falls on your dispensing solution. Our PFP N™ pump ensures full protection against microbial contamination via mechanical sealing and gamma irradiation during the manufacturing process. And, with its proven engineering and comfortable ergonomics, you can be sure that patients get the clean, efficient and easy dispensing experience they seek.

OFFICIAL REPRESENTATIVE:



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PFP N™

Protect your patients and your brand with a better nasal spray experience

- Full protection from microbiological contamination
- No silver spring, no oligodynamic components
- Shut-off valve to avoid contamination
- Sterile air filter system for bottle venting; non-venting version also available
- Entire pump can be sterilised via gamma irradiation
- Has a Drug Master File (DMF)
- Finger flange and hood can be easily customised
- Standard white colour, with clear and custom colours available
- All pharma-grade materials comply with European and U.S. regulations
- Extensive reference list



Adapters



Elegant nasal actuator

Closures



Snap-on S20 closure for FEA20 bottle neck

Options



Nasal hoods with colour options (vented or non-vented)

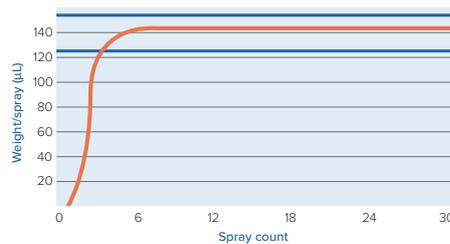


Finger pads with colour options

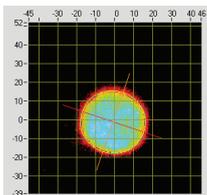
Outputs*

0.050 ml
0.070 ml
0.090 ml
0.100 ml
0.140 ml

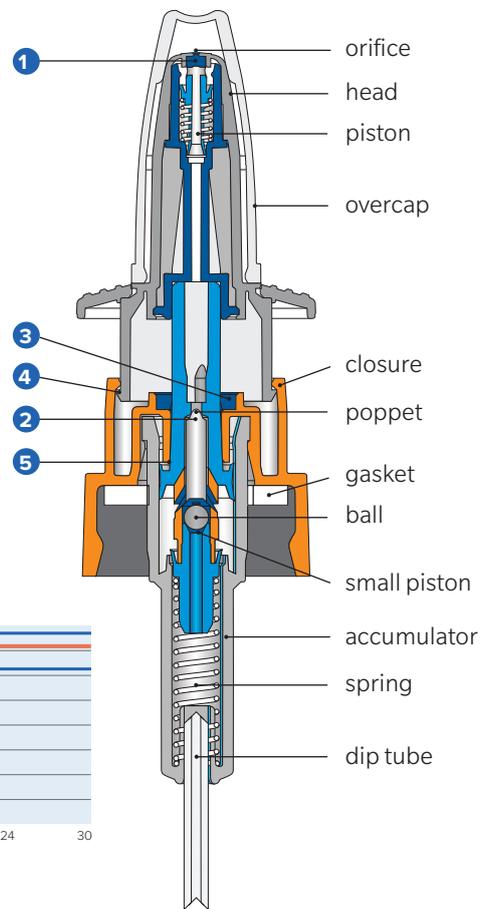
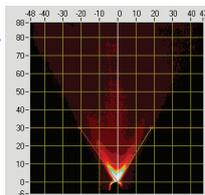
Outstanding Performance



Spray Pattern



Plume Geometry



5-fold mechanical protection against microbial contamination

- 1 First non-return valve directly below the orifice bore
- 2 Second non-return valve in the metering chamber
- 3 Filter element for contamination-free ventilation of the container
- 4 Locked nasal adapter
- 5 Sealed air path during storage

* Customised intermediary outputs also available