



Nasal route



Buccal route



Orological route



Dermal/transdermal route



Other routes

Rx formulations ?

A SPRAY PUMP SPECIFICALLY DESIGNED FOR ETHICAL DRUG PRODUCTS

VP7

Key Features

- Excellent dose accuracy
- Very efficient precompression
- Wide range of doses : 25-50-70 -90-100-130µl

The combination of the large dose, fixtures and actuators makes VP7 an extremely adaptable pump to fit nearly all Rx requirements.



Other attributes

- Easy priming
- All materials comply with EP and US regulatory requirements
- Wide range of nasal actuators with Anti Loss of Prime (Anti LOP)cap



VP7

SCREW-ON PUMPS

Screw threads*	Doses (µl)	
GCM1 18/415 GCM1 20/410 GCM1 22/415 18PH	25-50-70-90-100-130	
Actuators	References	
Nasal Actuator with captive insert	232-233-234	
Actuator with extension**	137	Spray cones SML**** or jet available
Foldable actuator**	139	



137 throat



139 C foldable throat

CRIMP-ON PUMPS

Diameter*** (mm)	Doses (µl)	
15 20	25-50-70-90-100-130	
Actuators	References	
Nasal Actuator with captive insert	CB18	
Actuator with extension**	137	Spray cones SML**** or jet available
Foldable actuator**	139	



232 nasal



233 nasal



234 nasal



CB18 nasal

SNAP-ON PUMPS

Closure*** (mm)	Doses (µl)	
20	25-50-70-90-100-130	
Actuators	References	
Nasal Actuator with captive insert	232-233-234	
Actuator with extension**	137	Spray cones SML**** or jet available
Foldable actuator**	139	

Other components	References
Ear adaptor	137 - 139 Actuators

(*) Other threads available on request
 (**) Can be fitted with an ear adaptor
 (***) According to F.E.A. standards
 (****) Small-Medium-Large