



SPRAY PUMPS



Spray Pumps

We offer the most versatile lines of fine mist sprayers available, with a wide range of dosages, neck finishes and functional options – like the high viscosity alternatives that help to optimize product delivery, the upside-down spray, and a portable, hoodless pump version.

Our broad range of options enables you to create optimum packaging solution for any product. We have an outstanding **variety of insert options** with selection of spray channel geometries for fine tuning spray to meet your application demands.

EuroMist Series

MULTIPLE AESTHETICS

DOSAGE (mcl): 90 | 140 | 150 | 160 | 190

CLOSURES (mm): 18 | 20 | 22 | 24

PZ Series

MULTIPLE OPTIONS

DOSAGE (mcl): 140 | 150 | 190 | 290

CLOSURES (mm): 18 | 20 | 22 | 24 | 1" cup | Snap-on

Latest EuroMist Offerings (new and global)

↕ 2-way upright or inverted spray



190 mcl output, 22-415 + 24-410 closure sizes

Ratchet, smooth* + ribbed closure finishes

Classic engine for standard fine mist spray applications

Wide variety of spray options

Available with Heaven technology for a longer duration spray

*Smooth finish 24-410 closure only



Heaven an elevated experience

EuroMist Heaven offers a prolonged spray - up to 3x longer than standard fine mist sprayer per dosage. Effortless, soft-feeling actuation for light, sweeping coverage. Extremely fine atomization for a drier-feeling spray.

Designed for alcohol and water-based formulations.

Also **COMPATIBLE WITH PZ Series**.

EuroMist Series

Our **EuroMist fine mist pump system** offers both reliable operation and consistent dosage in a familiar, user-friendly package. Available solution for many product formulations including high viscous product formulations. Many aesthetics to choose from.

Platform specifications to meet formula dispensing requirements:

- **CLASSIC** for low viscous formulas
- **HV** for high viscous formulas
- **OPTIMA** for low-VOC formulas
- **TECHNICAL** for aliphatic (oil-based) formulas
- **CLOUD** for soft actuation

Specifications

Domestic

Dosage: 140mcl, 160mcl, 190mcl
Closure diameter: 1" valve

Import

Dosage: 90,140,150,160,190mcl
Closure diameter: 18, 20, 22, 24mm

Aesthetics

Available in India

Tin Epoxy Coated
Dimple Mounting Cap

Aluminum
Mounting Cup (Gold/Silver)



EuroLock



Cardinal



Standard

Multiple Options

Choose from **multiple actuator styles and closure finishes** for the perfect look for your product.

EuroMist Series

To meet your individual demands, contact our specialists for final product / material specifications.

EUROMIST CLASSIC SERIES									
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	ACTUATOR		Inserts			
				EUROMIST ACTUATOR	C9P ACTUATOR	For EUROMIST			For C9P
EUROMIST CLASSIC	140MCL	1" VALVE	Tin Epoxy Coated Dimple Mounting Cup	✓	✓	10X10 Deep	14X10 WIDE Shallow	16X20 WIDE Deep	M1
			Aluminium Mounting Cup (Gold /Silver)	✓	✓	12X10 Deep	15X10 Shallow	18X10 Deep	M2
	160MCL		Tin Epoxy Coated Dimple Mounting Cup	✓	✓	12X20 Deep	16X10 Deep	18X10 Shallow	M3
			Aluminium Mounting Cup (Gold /Silver)	✓	✓	12X20 Shallow	16X10 Shallow		M5
	190MCL		Tin Epoxy Coated Dimple Mounting Cup	✓	✓	14X10 Deep	16X20 Deep		M6
			Aluminium Mounting Cup (Gold /Silver)	✓	✓	14X10 Shallow	16X20 Shallow		



PZ Series

The PZ Series describes spray pump options for various application fields and dosages. Within the product family there are solutions for viscous and high viscous product formulation, which can be dispensed in upright or inverted position.

Platform specifications to meet formula dispensing requirements:

- **HV** for viscous formulas
- **T** for aliphatic (oil-based) formulas
- **THV** for both aliphatic & viscous formulas
- **USD** for upside down dispensing
- **DL** for high viscous formulas
- **Helios** is the latest solution for demanding formulas
e.g. oil-based sun care products
- **Airless** for demanding formulas to avoid air contamination
(available for PZ2, PZ2 Helios and PZ3)



Specifications

Domestic

Dosage: 150mcl
Closure diameter: 1" valve
Actuator: C9P

Import

Dosage: 140,150, 190,290mcl
Closure diameter : 1"cup, 18,20,22,24 mm
Oval Snap-On, Snap-On

Aesthetics

Available in India



Product advantages:

An expanding valve fixation tailored to aluminum bottles, 1-inch neck (25-diameter crimp-on fixation)

Available with plastic actuator

PZ1 HV SERIES							
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	C9P ACTUATOR	INSERTS		
PZ1 HV	150MCL	1" VALVE	Aluminium Mounting Cup (Gold /Silver)	✓	M1	M3	M6
				✓	M2	M5	

Pressurized Packaging Valves and Accessories

Twist To Lock I Spray

Our vertical and toggle valve options provide a superior and consistent performance with ultra high-speed pressure filling, and proven reliability with exceptional dispense and spray performance. No matter which product formulation or specific dispensing patterns that may be required. We have the right solution for you in our wide portfolio.

Aerosol valves

METERED VALVE					
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	ACTUATORS	
			Common Closures	A2	L S4MB
20MM MPCP	Continuous	20MM	SILVER MATT	✓	✗
1" METERED VALVE	30MCL	1"	Tin Plated Mounting Cup	✗	✓
	80MCL			✗	✓



Twist To Lock Aerosol Accessories

Moritz

Hoodless two piece design.

Easy to use with Twist-to-lock convenience

Moritz is a playful and intuitive, twist-to-open, twist-to-close spray actuator, providing an easy to use, convenient solution for a variety of applications



Fine ribbed profile with broad finger pad
Valve: VX, BOV | 1" cup

Alpine

A new twist to lock aesthetic for 53mm

Two-piece design

Hoodless, click-lock

Orifice is hidden when closed

Customizable finger grips

Multiple inserts available



Alpine

Customizable finger grips
Fits 202 NI + 211 DS cans
Valve: VX, BOV

IMPORTED



WS25

Broad finger pad for ease of dispensing
Pair with S25 Gel or Foam for complete look
Valve: VX, BOV | Skirt Options



Sirena - Hoodless

One or two-piece spray system with bold aesthetic.
Valve: VX, BOV

Locally Designed and Produced Solutions



Product advantages:

Versatility with promise of aesthetic and functional benefit

A wide range compatible with multiple designs 37 MSV 2WAY – 360° feature for easier all over spray

PAE Series										
Higher output spray										
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	ACTUATORS				Inserts		
				Finemist Version			Lotion Version	A3MP	D6	J9
				A3MP	D6	J9	A19	M1	H1	H1
PAE 15MM	200MCL	FEA 15	METAL FERRULE (Standard colour and Customized Colour)	✓	✓	✓	✓	M2	H2	H2
								M3		H3
PAE 20MM	200MCL	FEA 20	METAL FERRULE (Standard colour and Customized Colour)	✓	✓	✓	✓	M5		H4
								M6		H6

Locally Designed and Produced Solutions



PAE

Product advantages:

Sensoriality promised with control

A wide range compatible with multiple designs

PAE Series										
Higher output spray										
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	ACTUATORS				Inserts		
				Finemist Version			Lotion Version	A3MP	D6	J9
				A3MP	D6	J9	A19	M1	H1	H1
PAE 15MM	200MCL	FEA 15	METAL FERRULE (Standard colour and Customized Colour)	✓	✓	✓	✓	M2	H2	H2
								M3		H3
								M5		H4
PAE 20MM	200MCL	FEA 20	METAL FERRULE (Standard colour and Customized Colour)	✓	✓	✓	✓	M6		H6

Fragrance Spray Solutions

Our leading spray for attainable fragrances



31MS

Product advantages:

Proven quality since 1994

Global footprint with high production capacities

A wide range compatible with multiple designs

31MS Series								
Extensive array of options including low profile								
Product Name	PUMP DOSAGES	STANDARDS	AESTHETIC FEATURES	ACTUATORS			Inserts (Common for all actuators)	Collar
				AO3L	AO7L	A46L		
31MS 15MM	80MCL	FEA 15	METAL FERRULE (Standard Colour and Customized Colour)	✓	✓	✓	H1	Customized collar available in all sizes
							H2	
31MS 20MM	80MCL	FEA 20	METAL FERRULE (Standard Colour and Customized Colour)	✓	✓	✓	N/A	
31MSL 15MM	60MCL	FEA 15	METAL FERRULE (Standard Colour and Customized Colour)	✓	✓	✓	N/A	
31MSL 20MM	60MCL	FEA 20	METAL FERRULE (Standard Colour and Customized Colour)	✓	✓	✓	N/A	
31MSC 13MM	80MCL	GCM1 13	Plastic Closure	✓	✓	✓	N/A	10ml PET Bottle and Overcap Available

On-The-Go Series

Locally Designed and Produced Solutions



Pacto

Jam –packed with performance, PACTO fine Mist delivers unexpected performance for a 25ml pack. At just over 8.15cm tall, it take up almost no space but provides over 250sprays. Inbuilt with worldwide acclaimed Aptar Fragrance technology, it is the only “On the Go” Full pack solution that delivers sensoriality, convenience and dosage control..

Fixture: Snap On

Dosage: 70mcl and 100mcl

Pack: 25ml

Product formulation: Spray

Click

Simple yet Elegant solutions for fine mist requirements. An extremely crafty designed pump with bottle, Click promises several benefits to its consumers and customers

Neck finish: 15mm FEA

Fixture: Snap On

Dosage: 200mcl

Product formulation: Spray

