

PERSONAL CARE Dispensers



Delivering solutions, shaping the future.

» Key factors to ensure market success

We know you want your consumers to feel confident using your products.
We want you to feel that same confidence in all your experiences working with our Personal Care market team.

Our deep understanding of personal care product application fields and our innovative approach to dispensing needs combine to help you to meet your consumer's needs!

- Market Intelligence
- Ideation and Conception
- Engineering and Industrialization
- Customer Service
- Supply Chain Management

» Resources to meet your needs

- Worldwide presence
- Global Expert Center
- Internal Laboratory Testing
- Dedicated designers and project managers
- In-house design and mould building

» Markets we serve

Aptar Beauty + Home is part of the Aptargroup family of companies, along with Aptar Food + Beverage and Aptar Pharma. We create innovative dispensing systems for fragrance, cosmetic, personal care and household product marketers.

With a wide range of dispensing solutions and broad geographic presence, we help our customers stay ahead of the everchanging demands of consumers around the globe.

Aptargroup

Aptar 
pharma



Prescription
Consumer
Health Care

Aptar 
beauty + home



Personal Care
Home Care
Beauty
Gift + Promotion

Aptar 
food + beverage



Food
Beverage



» Dispenser

We offer a broad range of dispensing lotion pumps to meet all dispensing needs from Personal Care lotions pumps to high output dispenser with a choice of aesthetics and finishes to make your product stand out. Compatibility with different products due to different ball and spring materials. Seals in the open & closed position preventing water ingress and leakage.

GS Twist & Lock

- Unique modularity with designs and different pump modules
- Endless aesthetic options / Safety clip available
- Up-locking system, Left or Right Opening system



GS Affinity

- Metal free path for easy product compatibility / Spring not visible because it's hidden in the retainer
- All actuators and closures for GS Twist & Lock are compatible with GS Affinity
- Large diptube version for high viscosity (HV) formulations
- Airless version avoiding air contamination during the use (only with co-extruded bottle)



Euroflow

- Constant dosage for a wide range of high-viscosity products
- Up & Down-locking system / Left & Right Opening system



HiFlow

Latest Innovation

- High dose dispenser, large viscosity range, Showerproof
- Metal free pathway (spring outside dosage chamber)
- Exclusive design ensures on-shelf differentiation and convenience
- Lock down system, sealing in up and down position



VITA

Latest Innovation

- New one-hand dispensing system
- Cleaner and easier gesture for cotton pad application of water-like formulations



PZ3 Treatment

- Small-dose dispensing / Optimal solution for high viscous product formulations



» GS Twist & Lock Dispenser



Design

K2 TE

K2

Q3-QX

Q3-NJ

Q4

B8

N4

- Unique modularity with designs and different pump modules
- Endless aesthetic options
- Safety clip available
- Up-locking system, Left or Right Opening system
- Dosages: 1.2 cc / 2 cc
- 6 different closures necks and 5 different closures styles available on 24 and 28 mm diameters

K2 TE



K2



Q3-QX



Q3-NJ



B8



N4



Q4



» GS Twist Lock

Endless Aesthetic Options

	Series	Diameter		Standards	Modules		1N	2N	3N	N-Shd	N-Scw
		mm	inches		ATM	ATM					
					1.2 cc	2 cc					
Screw on	GS 24 / 410	24	0.94	SPI 24 / 410	X			X	X		
	GS 24 / 410	24	0.94	SPI 24 / 410	X					X	
	GS 24 / 410	24	0.94	SPI 24 / 410	X						X
	GS 24 / 415	24	0.94	SPI 24 / 415	X			X	X		
	GS 28 / 400	28	1.1	SPI 28 / 400	X	X		X	X		
	GS 28 / 410	28	1.1	SPI 28 / 410	X	X	X	X	X		
	GS 28 / 410	28	1.1	SPI 28 / 410	X	X				X	
	GS 28 / 415	28	1.1	SPI 28 / 415	X	X	X		X		
Ratchet finish	GS 28 / 410T	28	1.1	SPI 28 / 410	X	X	X				
Snap on	GSS 27 / 230	28	1.1	Snap on	X	X	X				

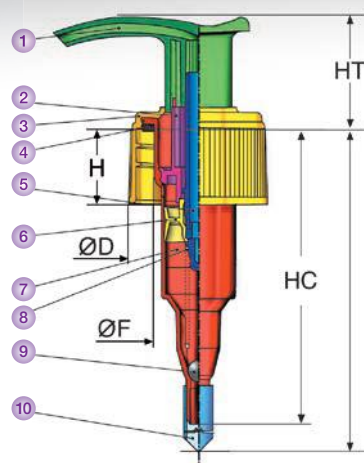
Modules

GS Twist-Lock 1200: Clockwise (CW) & Counter-Clockwise (CCW) Opening Available

GS Twist-Lock 2000: Clockwise (CW) & Counter-Clockwise (CCW) Opening Available

		Dimensions							
		F		D		H		HC	
	Series	mm	inches	mm	inches	mm	inches	mm	inches
Screw on	GS 24 / 410	17.0	0.67	27.2	10.70	14.10	0.55	64.7	2.54
	GS 24 / 410	17.0	0.67	27.8	10.90	14.4	0.56		
	GS 24 / 410	17.0	0.67	24.9	0.98	15.2	0.59		
	GS 24 / 415	17.0	0.67	27.2	1.07	22.8	0.89		
	GS 28 / 400	17.0	0.67	31.3	1.23	8.5	0.33		
	GS 28 / 410	17.0	0.67	30.8	1.21	16.2	0.63		
	GS 28 / 410	19.8	0.78	31.3	1.23	16.5	0.64		
	GS 28 / 415	19.8	0.78	30.8	1.21	26.2	1.03		
Ratchet finish	GS 28 / 410T	17.0	0.67	30.8	1.21	16.2	0.63		
	GS 28 / 410T	19.8	0.78						
Snap on	GSS 27 / 230	17.0	0.67	30.0	1.18	22.0	0.87		
	GSS 27 / 230	19.8	0.78						

- | | |
|--------------------------|----------------------------|
| 1 Actuator (PP) | 7 Housing (PP) |
| 2 Retainer (PP) | 8 Spring (Stainless Steel) |
| 3 Closure (PP) | 9 Ball (Acetalic Resin) |
| 4 Outer Gasket (Triseal) | 10 Dip Tube - PE |
| 5 Stem (POM) | |
| 6 Piston (PE) | |



- 7 Actuators combine with 6 different closure styles to create your desired look
- Easy to re-lock
- Sealed in both the open + closed position preventing water ingress and leakage
- Dosage 1.2 and 2 cc

Closure Type



Showerproof



1 N



2 N



3 N



N-Shelled



N-Screw



Clip 1



Clip 2

Option

- 1 N = Cylindrical smooth
 2 N = Stepped smooth
 3 N = Stepped ribbed / grooved

- Clip 1 Transport safe: Available with K2, K2T, Q3 actuator
 Clip 2 Tamper evident: Available with K2, K2T, B8, Q3 actuator

Height Actuator



K2 TE
 25.25 mm
 0.99 inches



K2
 25.25 mm
 0.99 inches



Q3-QX
 24.75 mm
 0.97 inches



Q3-NJ
 28.85 mm
 1.14 inches



B8
 25.5 mm
 1.0 inches



N4
 28.25 mm
 1.11 inches



Q4
 25.25 mm
 0.99 inches

» GS Affinity

The latest innovation on lotion pumps



The new GS Affinity is an up-locking lotion pump with a metal free pathway for perfect affinity with most products. The metal free path minimizes potential compatibility issues. Like all our GS pumps, there are endless aesthetic options with 7 different actuators and 5 different collar types to create the right look for your product.

The Affinity is the new GS lotion pump with a metal-free product path. The benefit of the metal free path is that there are no compatibility issues with the product. The name Affinity was chosen because this pump will have an affinity with any formulation.

Technical details of GS Affinity

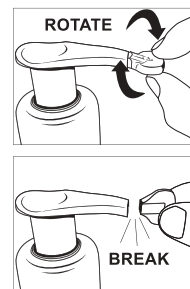
- The new Affinity module provides:
 - spring outside dosage chamber and not visible thanks to the retainer that hides the spring from view;
 - new retainer and housing junction;
 - new stem in two pieces;
- Customers will continue to enjoy the all aesthetics already available:
 - Lock up design;
 - Free spinning closure;
 - 1.2 & 2 cc dosage;
 - 6 different closures necks and 5 different closures styles available on 24 and 28 mm diameters
 - 7 actuators and security clips;
 - All custom versions already developed.
- Affinity provides also improved performances.
 - Higher chemical resistance;
 - Higher reliability;

» GS Affinity K2 Tamper evident

New GS and GSA actuator with integrated Tamper evident feature

Main Advantages:

- NO additional parts required – Tamper evident feature integrated on the actuator
- NO contamination before using
- NO more sleeve needed!!
- standard clip option – to avoid accidental actuation



» GS Affinity Showerproof

Main Advantages:

- Superior performance against water ingress due to its new Seal Lip technology, Formula protection
- Product differentiation on the shelf thanks to the unique and customizable bicolor design
- Up-locking, 28-410 closure only, 1.2 + 2cc output
- B8 + K2 actuator design



» GS Affinity Airless

New GS Affinity Airless version avoiding air contamination during the use – to be used with coex bottle

Main Advantages:

- Protection of the formulation
- Very good restitution rate with high viscous bulks
- Real 360° usability
- No air contamination during the use
- Snap on 27 / 230 and ratchet finish 28 / 410 closures available



» GS Affinity High Viscous

New GS dispenser Metal-Free Pathway for high viscosity products

Main Advantages:

- The spring is not visible because it is hidden in the retainer.
- Compatible with different closures and actuators.
- Bigger dip tube diameter for high viscosity formulations



» GS Affinity

Metal free path for perfect product affinity

Modules

		Diameter			ATM	ATM	HV	Air-less					
	Series	mm	inches	Standards	1.2 cc	2 cc	2 cc	2 cc	1N	2N	3N	N-Shd	N-Scw
Screw on	GS 24 / 410	24	0.94	SPI 24 / 410	X					X	X		
	GS 24 / 410	24	0.94	SPI 24 / 410	X							X	
	GS 24 / 410	24	0.94	SPI 24 / 410	X								X
	GS 24 / 415	24	0.94	SPI 24 / 415	X					X	X		
	GS 28 / 400	28	1.1	SPI 28 / 400	X	X	X			X	X		
	GS 28 / 410	28	1.1	SPI 28 / 410	X	X	X		X	X	X		
	GS 28 / 410	28	1.1	SPI 28 / 410	X	X	X					X	
	GS 28 / 415	28	1.1	SPI 28 / 415	X	X	X		X		X		
Ratchet finish	GS 28 / 410T	28	1.1	SPI 28 / 410	X	X	X	X	X				
Snap on	GSS 27 / 230	28	1.1	Snap on	X	X	X	X	X				

Modules

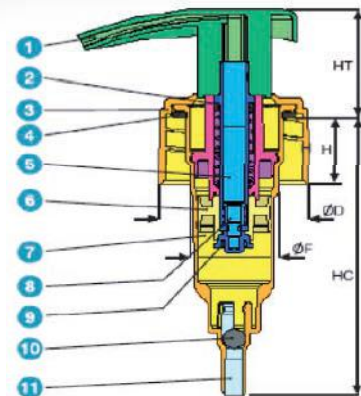
GS Affinity 1200: Clockwise (CW) & Counter-Clockwise (CCW) Opening Available

GS Affinity 2000: ONLY Clockwise (CW) Opening Available

Dimensions

		F		D		H		HC	
	Series	mm	inches	mm	inches	mm	inches	mm	inches
Screw on	GS 24 / 410	17.0	0.67	27.2	10.70	14.10	0.55	64.7	2.54
	GS 24 / 410	17.0	0.67	27.8	10.90	14.4	0.56		
	GS 24 / 410	17.0	0.67	24.9	0.98	15.2	0.59		
	GS 24 / 415	17.0	0.67	27.2	1.07	22.8	0.89		
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	GS 28 / 410	17.0	0.67	30.8	1.21	16.2	0.63		
	GS 28 / 410	19.8	0.78	31.3	1.23	16.5	0.64		
	GS 28 / 415	19.8	0.78	30.8	1.21	26.2	1.03		
Ratchet finish	GS 28 / 410T	17.0	0.67	30.8	1.21	16.2	0.63		
	GS 28 / 410T	19.8	0.78						
Snap on	GSS 27 / 230	17.0	0.67	30.0	1.18	22.0	0.87		
	GSS 27 / 230	19.8	0.78						

- | | |
|--------------------------|----------------------------|
| 1 Actuator (PP) | 7 Housing (PP) |
| 2 Retainer (PP) | 8 Spring (Stainless Steel) |
| 3 Closure (PP) | 9 Seal Retainer (POM) |
| 4 Outer Gasket (Triseal) | 10 Ball (Acetalic Resin) |
| 5 Stem (PP) | 11 Dip Tube - PE |
| 6 Piston (PE) | |



- 7 Actuators combine with 6 different closure styles to create your desired look
- Easy to re-lock
- Sealed in both the open + closed position preventing water ingress and leakage
- Dosage 1.2 and 2 cc

Closure Type



Showerproof



1 N



2 N



3 N



N-Shelled



N-Screw



Clip 1



Clip 2

- 1 N = Cylindrical smooth
 2 N = Stepped smooth
 3 N = Stepped ribbed / grooved

- Clip 1 Transport safe: Available with K2, K2T, Q3 actuator
 Clip 2 Tamper evident: Available with K2, K2T, B8, Q3 actuator

Option

Height Actuator



K2 TE
 25.25 mm
 0.99 inches



K2
 25.25 mm
 0.99 inches



Q3-QX
 24.75 mm
 0.97 inches



Q3-NJ
 28.85 mm
 1.14 inches



B8
 25.5 mm
 1.0 inches



N4
 28.25 mm
 1.11 inches



Q4
 25.25 mm
 0.99 inches

» EuroFlow



Design:

Classic
Contemporary
Falcon
Flamingo
Starling
Ibis
Toucan

- Constant dosage for a wide range of high-viscosity products
- Up & Down-locking system
- Left & Right Opening system
- Dosages: 1 cc / 1.4 cc / 2 cc (1 cc / 1.4 cc water protection option)
- Available Closure diameters: 24, 28 mm and Oval Snap-on
- Larger diptube (Jumbo dip tube) version for high viscous products

shiny / matte
Classic / S4 / S5



Contemporary / K1



Falcon



shiny / matte
Flamingo



Starling



Ibis



Toucan



» The EuroFlow pump offers

- 1 cc or 1.4 cc or 2 cc output
- Locking in the up and down position
- Handling of different viscous products due to two different diptube diameters
- Unlocking and locking with left or right 90 degree turn
- Compatibility with different products due to different ball and spring materials
- ShowerProof version for 1 cc and 1.4 cc Euroflow



Lock up not ShowerProof version with safety clip



Lock up not ShowerProof version without safety clip



Lock down



Lock up
1cc, 1.4 cc ShowerProof version

» EuroFlow























K1 / Contemporary
1 cc
No Safety Clip



Classic / S4
1 cc / 2 cc
Safety Clip



Classic S5 ShowerProof
1 cc
No Safety Clip

Closure	Sample assembled pump Standard	Sample assembled pump ShowerProof	Closure Size	Possible with actuator
matte 			24 / 410	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
matte double wall 			24 / 410	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
conical 			24 / 410	K1 Flamingo Falcon I skirted
matte double wall straight-skirted 			24 / 410	K1 Flamingo Falcon I skirted
ribbed 24/410 24/415  28/400 28/410 			24 / 410 24 / 415 28 / 400 28 / 410	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
ribbed with metal shroud 			24 / 410 24 / 415	Classic S4 Classic S5 ShowerProof Toucan Falcon II Ibis
smooth wall 			24 / 415 28 / 410 28 / 415 24 / 410	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis



Toucan S6 1 cc + 2 cc
Toucan S7 ShowerProof
only 1 cc, Safety Clip



Flamingo
1 cc
No Safety Clip



Falcon II unskirted
1 cc / 2cc
Safety Clip






















Falcon I skirted
1 cc
No Safety Clip



Ibis ShowerProof
Safety Clip 1 cc
No Safety Clip 1.4 cc



Starling
1 cc
No Safety Clip

Closure	Sample assembled pump Standard	Sample assembled pump ShowerProof	Closure Size	Possible with actuator
smooth wall double wall 			24 / 410 24 / 415	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
smooth wall double wall stepped-skirted 			24 / 410 24 / 415	K1 Flamingo Falcon I skirted Starling
smooth wall double wall stepped-skirted with metal shroud 			24 / 410	K1 Flamingo Falcon I skirted
smooth wall double wall straight-skirted 			24 / 410	K1 Flamingo Falcon I skirted Starling
smooth wall double wall straight-skirted with metal shroud 			24 / 410	K1 Flamingo Falcon I skirted
Oval Snap-on Closure 			Snap-on	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
smooth wall double wall with metal shroud 			24 / 410	Classic S4 Classic S5 ShowerProof Toucan S6 / S7 ShowerProof Falcon II Ibis
smooth wall-flared 			24 / 410	K1 Flamingo Falcon I skirted Starling

» HiFlow

Latest
Innovation



New Aptar solution with high dosage 4cc dispensing for Hair Care, Shaving/depilatories, Baby care and Personal Cleansing (shower gel, shampoo), including ShowerProof, metal-free pathway, reliable and effective with a modern design matching to the needs of the target group.

Highlights

- High Dosage 4 cc
- Metal Free Pathway (spring outside dosage chamber)
- ShowerProof design optimized to get very low level of water invasion under streaming water
- Exclusive design which ensures on-shelf differentiation and convenience
- Closure and Actuator customizable

Technical details

- Lock Down system
- Sealing in up and down position
- Simple (low number of components), reliable and effective
- 28.410 bottle neck size
- Large viscosity range



Lotus



Energy

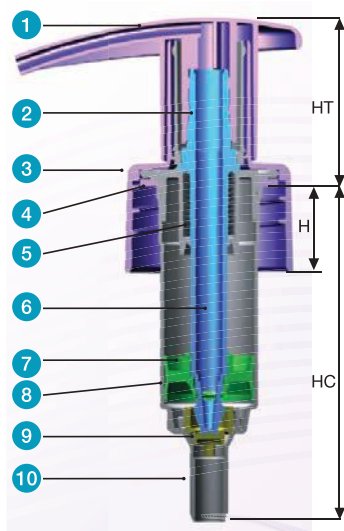
Closure type



1N (smooth)

2N (smooth
with step)

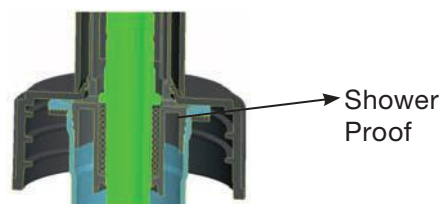
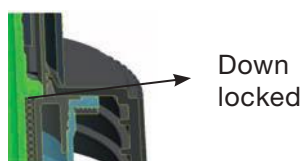
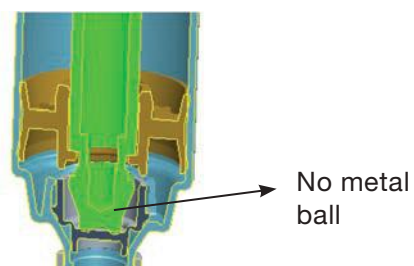
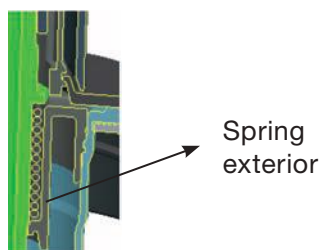
2N shelled



- ① ACTUATOR - PP
- ② RETAINER - PP
- ③ CLOSURE - PP
- ④ OUTER GASKET - TRISEAL
- ⑤ SPRING - STAINLESS STEEL
- ⑥ STEM - PP
- ⑦ PISTON - LLDPE
- ⑧ HOUSING - PP
- ⑨ VALVE - HDPE
- ⑩ DIP TUBE - PE

HiFlow

Dose (ml)	4
HT open (mm)	52.3
HT close (mm)	31.3
HT Stroke (mm)	20.7
HC (mm)	61.8
Min Bottleneck	28
N° of Comps	10



» VITA

Latest
Innovation

Revitalize yourself



New one-hand dispensing system, that features a unique design and offers a new, cleaner and easier gesture for cotton pad application of water-like formulations.

Features and Benefits

Vita is a **one-hand dispenser** that integrates Aptar dispenser and dispensing closures technologies to bring a most awaited convenient gesture.

Vita offers a **cleaner experience** for cotton pad applications of water-like formulations.

Vita provides differentiation on the shelf with a **unique & delightful bi-inject design** featuring a transparent lid.



Technical Information

- Transparent / translucent lid
- Twist-to-lock system
- Sealing in both locked and unlocked position
- Metal free pathway for easy product compatibility
- Options: metalized shell, sleever, transport clip, clip TE



Neck finish	Closure style	Dosage
24 / 410	2N (smooth with step), 3N (ribbed), N-Shelled (Metal)	0.8 cc 1.2 cc
24 / 415 – 28 / 400	2N (smooth with step), 3N (ribbed)	
28 / 410	1N (smooth), 2N (smooth with step), 3N (ribbed), N-Shelled (Metal)	
28 / 415	1N (smooth), 3N (ribbed)	
28 / 410 T (ratchet finish)	1N (smooth)	
27 / 230 (snap-on)	1N (smooth)	



twist to unlock

open snap top

actuate with cotton pad

twist to lock

close snap top

» PZ3 Treatment



Design:

Ergopack
Colibri
Sparrow

- Small-dose dispensing
- Optimal solution for high viscous product formulations
- Dosages: 250, 450 mcl
- Available Closure diameters: 18, 20, 22, 24 mm, 32 and 41 mm Snap-on



COLIBRI

SPARROW

ERGOPACK

Closure Neck	Closure Finish	250 mcl	450 mcl	250 mcl	450 mcl	250 mcl	450 mcl
20 / 400	smooth wall	X	X				
	ribbed	X	X				
20 / 410w	smooth wall	X	X				
	ribbed	X	X				
	ribbed with metal shroud	X	X				
20 / 415	smooth wall	X	X				
	ribbed	X	X				
	ribbed with metal shroud	X	X				
22 / 400	smooth wall			X	X		
22 / 415	smooth wall	X	X				
	ribbed	X	X				
24 / 410	smooth wall	X	X	X	X		
	ribbed	X	X				
	ribbed with metal shroud	X	X				
24 / 415	ribbed	X	X				
18 mm	Aluminium ferrule	X	X				
20 mm	Aluminium ferrule	X	X				
32 mm Snap-on	smooth wall					X	x
41 mm Snap-on	smooth wall					x	X
CAP	PKA 22	X		Closure Neck 22: PKA CS		Cap available	
CAP	PKA 24	X	X	Closure Neck 24: PKA CB		Cap available	

X = available

» Application fields

With an active presence in 10 Application Fields in Personal Care, our Global Market Development Teams are applying market intelligence and consumer research to each Application Field to develop winning new products.

Our Personal Care product offering is the most extensive dispensing portfolio in the market. In addition to a wide variety of standard products, Aptar leverages our product platforms and technologies to develop custom solutions.

