

Stiplastics Rovipharm Eskiss





#### **ABOUT US**

#### **SGH Healthcaring**

Your partner for medical devices, pharmaceutical dosing and packaging

**SGH Healthcaring** was formed from the alliance of **three plastics processing firms with expertise in the medical sector and the pharmaceutical industry**, with a solid reputation for know-how developed over 30 years: **Stiplastics**, **Rovipharm** and **Eskiss**. It manufactures a comprehensive range of devices at several facilities of which two are **certified to ISO 13485**, including cleanrooms, and provides complementary skills in **marketing**, **R&D**, **quality and regulatory affairs** and **industrial production**.

SGH Healthcaring designs, develops and manufactures efficient, innovative solutions in four main areas: **drug administration and food supplements in solid and liquid forms** (dosing syringes, measuring cups and spoons, single doses, bottles, droppers and pill dispensers), **respiratory conditions** (spacer devices and nasal aspirators), **diagnostics & pre-analytics** (transport of biological samples) and **e-health**.

**Our aim** is to make everyday life easier for patients and carers by improving existing devices and creating solutions that will meet their future needs.

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Dosing syringes Single dose Measuring spoons Measuring cups Nozzles & Droppers Bottles & Caps One-by-one dispensing Pill containers

> Bespoke development



## processing for medical devices and packaging

#### **PRODUCTS & SERVICES**

From mass production to bespoke development or subcontracting and from the initial concept through to marketing, our professionals will guide you from A to Z, whatever stage your project has reached.

As a historical, recognised partner to the pharmaceutical and health industries, we offer:

- A comprehensive standard and customisable range of dosing devices for liquid and solid medicines,
   Im class medical devices and primary packaging
- Bespoke development of devices in response to your requirements
- High-performance, efficient industrial subcontracting

#### **ECO-CONCEPTION**

#### Our eco-design approach includes a range of commitments:

- Attentive design aimed at minimising raw material content
- Optimisation of our manufacturing processes
- Recycling of 30% of our waste materials
- All PP, PET and PE materials used in the group are already 100% recyclable
- Used in packaging for pharmaceuticals and supplements, these materials can be disposed of in domestic waste and are incinerated under strict controls
- One site is certified to ISO:14001 and another to ISO:50001



#### **QUALITY**

Quality is an essential part of our customers' satisfaction and a day-to-day concern for all our staff. Our quality system is specially designed for the health sector. Our development and manufacturing processes incorporate regulatory obligations in response to pharmaceutical requirements:

- All our staff receive ongoing training in **Good Manufacturing Practices** (GMP)
- **CE 0459 marking** for MDs and **FDA** registration
- Certifications ISO 13485: 2016, ISO 15378: 2015, ISO 14001: 2015, ISO 50001: 2011











#### **CAPACITY**

Experience, human skills and industrial resources to make your projects a reality:

- 14,500 m² of production facilities, including 3,000 m² of ISO 8 cleanrooms, on three modern sites with a fully automated machinery fleet
- Four injection workshops, three for assembly and printing and one for electronics assembly in an ESD environment
- One marketing department and one design office, both in-house, run by the project quality team, to design functional ergonomic and innovative devices and improve the user experience





#### Dosing syringes & accessories

Wide range Various printing options Accessories available



#### Single dose

Unbreakable Unicadose® Innovation

#### Measuring spoons & Spoonbox®

Wide range of shapes Exclusive Spoonbox® model





#### Measuring cups and IML technology

For all types of caps

IML indelible marking



#### **Nozzles & droppers**

Wide range in glass or plastic Human and animal health





#### **Bottles & caps**

Transparency & solidity
Easy mechanisation

Dosing syringes





#### **COMPREHENSIVE RANGE**

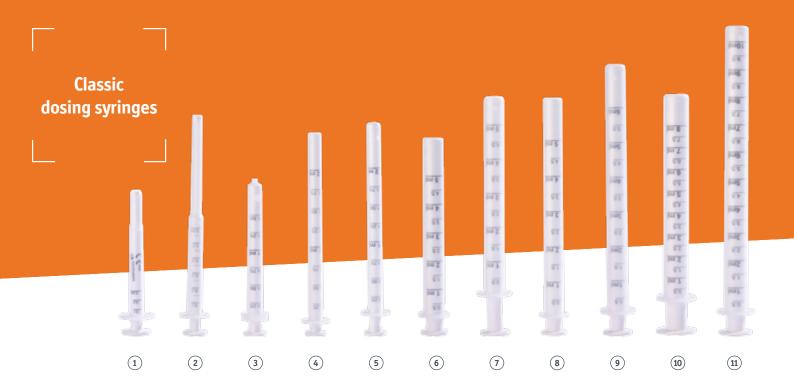
- Dosing and administration of liquid medicines: paediatric medicines, suspensions, drinkable solutions, etc.
- Im class medical devices\*
- Three ranges, 21 models
- Dosing from 0.3 ml to 10 ml

#### **CUSTOMISATION**

- Colour marking to suit the colour codes of the medicine, logo
- Name of medicine marked for safer administration
- Scale and unit of gradation (ml, mg, kg, etc.) for ease of use
- Individual wrapping on request

#### **REGULATORY COMPLIANCE**

- Raw materials with no bisphenol A or phthalates, suitable for contact with food
- Pharmaceutical and/or food-grade materials
- Pharmacopoeia or bio-compatible materials on request
- CE 0459\*\* marking and DMF n°MF033763



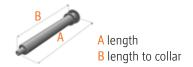
#### **USE**

- Dosing of liquid medicines packed in bottles compliant with European Pharmacopoeia 2.9.27
- Syringe can be inserted into container

#### **BENEFITS**

- Wide range of volumes
- Hygienic
- Easy to use

- Plunger marking
- Gradation (ml, mg, kg, etc.)
- Individually wrapped
- Accessories (syringe holder, syringe wiper, protective sheath: see p. 15 to 16)



	CLASSIC SYRINGES	MATERIALS	LENGTH	LENGTH TO COLLAR	PRINTING	MOQ
1	0.3 ml	PE/PS	76 mm	67 mm	Plunger	11,100
2	0.6 ml	PE/PS	112 mm	101 mm	Plunger	10,200
3	1.5 ml	PE/PS	80 mm	70 mm	Plunger	12,000
4	C2 ml	PE/PS	103 mm	95 mm	Plunger	10,500
5	2 ml	PE/PS	109 mm	98 mm	Plunger	10,800
6	TH5 ml	PE/PS	100 mm	90 mm	Plunger	10,500
7	5 ml	PE/PS	121 mm	100 mm	Plunger	10,500
8	C5 ml	PE/PS	123 mm	112 mm	Plunger	10,800
9	6 ml	PE/PS	136 mm	125 mm	Plunger	11,200
10	8 ml	PE/PS	121 mm	104 mm	Plunger	10,800
11)	10 ml	PE/PS	155 mm	143 mm	Plunger	11,000

### Advanced dosing syringes



#### **USE**

- Dosing of liquid medicines packed in bottles compliant with European Pharmacopoeia 2.9.27
- Can be used upside down with a connector

#### **BENEFITS**

- · Glides easily and long-lasting
- Improved legibility and easier administration
- Optimal length of syringe for improved ergonomics
- Very hygienic

- Marking on plunger or syringe
- Gradation (ml, mg, kg, etc.)
- Individually wrapped
- Accessories (syringe holder, PIBA: see p. 15 to 16)



	ADVANCED SYRINGE	MATERIALS	LENGTH	LENGTH TO COLLAR	PRINTING	MOQ
1	1 ml PF	PP/PE	98.2 mm	86 mm	Syringe	12,000
2	3 ml PF	PP/PE	88.85 mm	79.80 mm	Syringe/plunger	10,000
3	TH5 ml LS	PP/PE	100 mm	91 mm	Syringe/plunger	10,500
4	TH5 ml PF	PP/PE	108 mm	98 mm	Syringe/plunger	11,400
5	C10 ml PF	PP/PE	114 mm	104 mm	Syringe/plunger	10,000
6	C10 ml	PP/PE	114 mm	104 mm	Syringe/plunger	10,000



# Evolution dosing syringes The state of the

#### USE

- Dosing of liquids in bottles, including challenging substances (alcohol, viscous substances, etc.) compliant with European Pharmacopoeia 2.9.27
- Can be used upside down with a connector

#### **BENEFITS**

- Glides easily and long lasting
- Excellent seal for watertightness and dosing
- Easy dosing and administration

- Printing on plunger or syringe depending on model
- Gradation (ml, mg, kg, etc.)
- Individually wrapped
- Accessories (syringe holder, PIBA: see p. 15 to 16)



	EVOLUTION SYRINGE	MATERIALS	LENGTH	LENGTH TO COLLAR	PRINTING	MOQ
1	1 ml PF JT	PP/PE/silicone	98 mm	86 mm	Syringe	12,000
2	2 ml ORP	PP/PP/silicone	110 mm	97 mm	Syringe	10,000
3	3 ml PF JT	PP/PE/Silicone	90.2 mm	79.5 mm	Syringe/plunger	10,000
4	TH5 ml PF JT	PP/PE/silicone	110 mm	98 mm	Syringe/plunger	10,000





#### Syringe wiper

#### **USE**

- Adaptable to Classic dosing syringes
- Delivered fitted to the dosing syringe
- · Individual wrapping on request

#### **BENEFITS**

- Easier administration of medicines with a short shelf life, such as antibiotics
- No more excess medicine around the dosing syringe: avoids over-dosing and wasted product
- Keeps everything together to avoid losing the dosing syringe

#### Protective sheath

#### USE

- Suitable for Classic dosing syringes
- Delivered fitted to the dosing syringe
- · Individual wrapping on request

#### **BENEFITS**

- Optimal cleanliness between uses
- · Practical and easy to use

#### Press-In Bottle Adaptor (PIBA)

#### **USE**

- Turn bottle upside down to use
- Adaptable to Advanced and Evolution dosing syringes
- · Delivered fitted to the dosing syringe on request
- Individual wrapping of PIBA fitted onto the dosing syringe on request

#### **BENEFITS**

- Hygienic, avoids having to insert the dosing syringe into the bottle, no residue around the dosing syringe
- Allows the use of smaller, more precise dosing syringes, regardless of the size of the bottle

#### Syringe holder

#### **USE**

- · Adhesive sticker included
- Suitable for all three dosing syringe ranges
- Delivered separately or on the dosing syringe
- Individual wrapping of holder fitted onto the dosing syringe on request

#### **BENEFITS**

- Avoids losing the dosing syringe between uses
- · Easy to position on the bottle using the adhesive sticker

#### Accessories



DOSING SYRINGE		SYRINGE WIPER (PP)	PROTECTIVE SHEATH (PP)	3 PI PP28 GLASS	BA (PE) DIN18 GLASS	SYRINGE HOLDER (PP)
	0.3 ml					
	0.6 ml					Х
	1.5 ml	Х	Х			Х
	C2 ml	Х				Х
	2 ml		X			Х
Classic	TH5 ml					X
	5 ml	X	X			Х
	C5 ml					Х
	6 ml	Х	Х			Х
	8 ml					
	10 ml	Х				Х
	1 ml PF			Х	Х	
	3 ml PF			Х	Х	Х
	TH5 ml LS					Х
Advanced	TH5 ml PF			Х	Х	Х
	C10 ml PF			Х	Х	
	C10 ml					
	1 ml PF JT			Х	Х	
Fuelution	2 ml ORP			Х		Х
Evolution	3 ml PF JT			Х	Х	Х
	TH5 ml PF JT			X	X	Х

# New

#### **Dispensing pacifier**

With the Dispensing Pacifier, administering medicine is no longer a fight.

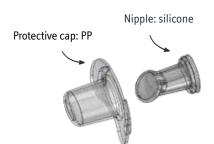
Giving medicine to a baby is not always easy. The Dispensing Pacifier is a comfortable way to give young patients any prescriptions they need, with no added stress for parents. Perfectly adapted for paediatric use, this device makes it a lot easier to administer liquid supplements and treatments.

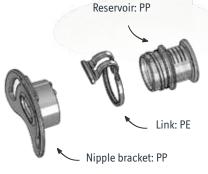
#### **SO EASY TO USE:**

- 1. Unscrew the reservoir and fill it with the medicine according to the prescribed dose
- 2. Screw the reservoir on the nipple bracket
- 3. Remove the protective cover and put the pacifier into the baby's mouth

**VOLUME:** 5 ml pacifier

The pacifier consists of five pieces: a nipple with a reservoir and a protective cap, a bracket and a link.



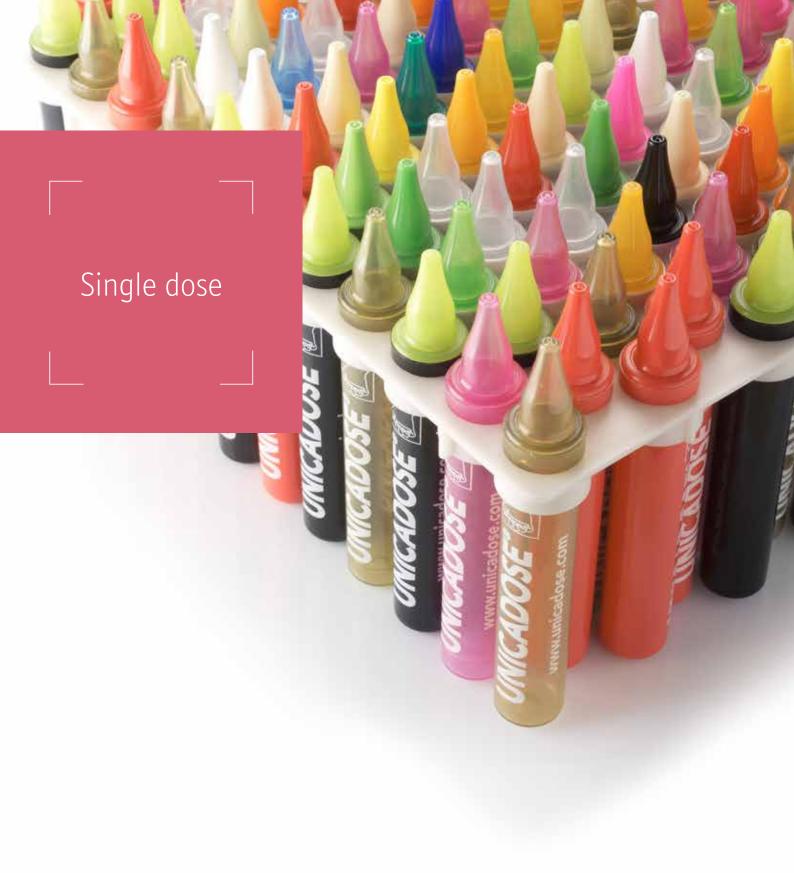


**New dosing syringes** 

Dosing syringe for administration of liquid medicines, particularly suitable for paediatric use.

See details p. 13 to 14







#### **BENEFITS**

- Unbreakable
- No glass fragments in the solution
- Intuitive to use
- Use on the move: easy to transport

#### **FEATURES**

- Use for nutraceutic, dietetic products, cosmetics, food industry, etc. Made from PP or PET, 100% recyclable
- Suitable for sterilisation and pasteurisation

- Colour (standard or on request)
- One-colour silkscreen printing
- Filling solution available

#### Single-dose PET



Height Diameter

SINGLE-DOSE PET	REFERENCE	VOLUME	RING	HEIGHT	DIAMETER	MOQ
1	FI8127	10 ml	13.5 mm	74 mm	16 mm	27,600
2	FI8098	25 ml	17.8 mm	110.3 mm	20.8 mm	10,080
3	EP016SP	60 ml	PP28	97 mm	34.3 mm	4,800

CAPS FOR SINGLE-DOSE PET	REFERENCE	MATERIAL	COLOUR	RING	FOR SINGLE DOSE	FEATURES	MOQ
9	AM1422	PP	White	13.5 mm	Fl8127	Tamper-evident	240,000
9	AM1556	PP	White	17.8 mm	Fl8098	Tamper-evident	110,400
	AF4007B15X	PP/PE	White	PP28	EP016SP	Tamper-evident	36,000
9	CS4003B17A2	PP/PE	White	PP28	EP016SP	Child safety	21,600
0	D28RSD71WIWIS2	PP/PE	White	PP28	EP016SP	Dispenser cap	30,000

# The replacement for bi-tip glass ampoules for all types of liquid

**Unicadose®** 



#### **BENEFITS**

- Easy to open with one hand
- Zero risk from glass fragments
- Ready for immediate consumption
- Delivered in a clear tray of 143 units (10 ml) or 99 units (15 ml)











Snap off the tip of the Unicadose® in one simple move



Drink the solution directly or pour it into a glass

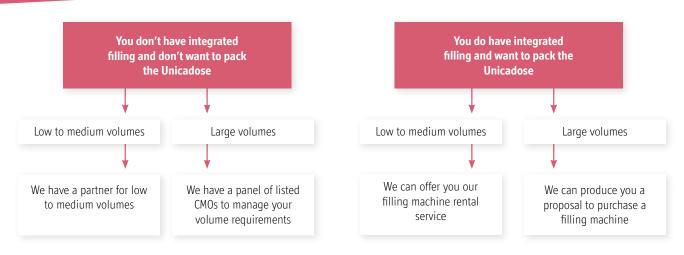




UNICADOSE®	VOLUME	TOTAL HEIGHT	DIAMETER	PRINT AREA	QUANTITY/ TRAY	MOQ	
1	10 ml	110.1 mm	15.65 mm	40 x 60 mm	143	30,888	
2	15 ml	120 mm	19.1 mm	50 x 60 mm	99	19,008	



# A complete solution: from injection moulding to filling the Unicadose



#### **FILLING MACHINE FOR UNICADOSE**

Our vision is to design high-quality, easily maintainable machines at a very competitive price, especially designed for Unicadose.

We can offer you a gravity-fed volumetric filling machine, which is particularly effective for dosing fluid (water) to viscous (oil) liquids. The machine removes the top from the Unicadose, fills the clear tray in one go and creates a vacuum. The aim is to remove oxygen to improve the shelf life of natural products (with no or few preservatives) before they are finally sealed.

#### **FEATURES**

- Compact and simple to use
- · Perfect operational repeatability
- · Fills Unicadose's tray in one go
- No spillage of the liquid onto the Unicadose
- · Air removal before final sealing
- Final sealing for a finished product



#### **TECHNICAL DATA**

- Tray of 143 or 99 units filled in one go
- Instant production rate over 8h:
  - → 10 ml = 82,300 units
  - → 15 ml = 57,000 units
- · Annual capacity:
  - → 10 ml: 46 million units
  - → 15 ml: 32 million units
- · Existing Unicadose volumes: 10 and 15 ml
- Liquid accepted at room temperature: fluid (0.01Pa/s) to viscous (0.1 Pa/s) with particles up to 300  $\mu$ .
- Made from stainless steel 316L and silicone (food grade)
- Voltage: 400 V 50 Hz
- Power: 3.5 kW
- · Pressure: 6 bar
- Overall dimension: 120 x 70 x 170 cm



WANT TO SEE MORE? WATCH THE VIDEO ON SGH HEALTHCARING'S YOUTUBE CHANNEL



# New

#### **Unicadose 5ml**

#### Now available in a 5 ml version!

#### **BENEFITS**

- Smaller volume: fewer preservatives
- Individual doses
- Easy snap-off tip
- Easy to transport for taking medicines outside the home

#### **FEATURES**

- Ideal for food supplements: immune system, ENT, antioxidants, drainage, vitamin treatments, pregnancy, menopause, etc.
- · Perfect for dosing medicines to limit the risks of overdosing: digestive tract, nervous system, respiratory system, etc.

#### **DIMENSION**

- Total height 89.40 mm
- Diameter 12.80 mm
- Delivered in a clear tray of 195 units







#### **BENEFITS**

- Dosing of liquid and dry medicines
- Comprehensive range

#### **CUSTOMISATION**

- Gradation
- Marking
- Packaging

#### **REGULATORY COMPLIANCE**

- Im class MD\*
- CE 0459\*\* marking
- No phthalates or bisphenol A
- Pharmaceutical and/or food-grade materials
- Pharmacopoeia or bio-compatible materials on request













#### **USE**

• Dosing of liquids, granules, micro-granules and micro-tablets compliant with the European Pharmacopoeia 2.9.27

#### **BENEFITS**

- Ergonomic
- Easy to clean
- Particularly suitable for high-volume dosing of liquid paediatric medicines
- Pleasant to use: non-intrusive

- Gradation (weight, mg, ml, measure, etc.) by pad printing
- Logo, speciality
- Dosing



Rapid filling



Accurate control of dosing



Easier administration



Simple to clean



SP00NB0X®	REFERENCE	VOLUME	Maximum Gradation Marking	MATERIALS	DIM. H x W	MOQ
1	31002	9 ml	8 ml	PS	98.2 x 24.4 mm	30,000
2	31005	13 ml	12.5 ml	PP	134.6 x 24.4 mm	18,000





#### **BENEFITS**

- Volumes from 0.05 ml to 55 ml
  Wide range of shapes: semi-spherical, double dose, oval, cylindrical
  Standard (crystal, white or ivory)



SEMI-SPHERICAL SPOON	REFERENCE	VOLUME	MATERIALS	DIM. L x W x D	MOQ
	31103	0.05 ml	PP/PS	67.1 x 6.3 x 4.1 mm	10,000
0	31107	0.35 ml	PP/PS	64 x 15 x 15 mm	10,000
	31105	0.5 ml	PP/PS	64 x 15 x 15 mm	10,000
	31106	1 ml	PS	68 x 19 x 18 mm	10,000
	31104	2 ml	PS	71.5 x 22 x 22 mm	12,000

OVAL SPOON	REFERENCE	VOLUME	GRADATION	MATERIALS	DIM. L x W x D	MOQ
	31302	1 ml	-	PP/PS	75 x 16.5 x 8 mm	10,000
0	31303	2 ml	-	PP/PS	82.6 x 20.4 x 9.2 mm	14,000
	31304	2.5 ml	-	PP/PS	83.7 x 22.5 x 10 mm	10,000
0	31305	3 ml	-	PP/PS	86.3 x 23.1 x 10.8 mm	10,500
	31306	4 ml	-	PP/PS	89.5 x 25.6 x 12 mm	10,500
	31204	5 ml	2.5 ml	PP	92.6 x 32.9 x 7.4 mm	21,000
9	26500021	5 ml	2.5 ml	PS	81.6 x 32 x 8 mm	11,200

DOUBLE-DOSE SPOON	REFERENCE	VOLUME	MATERIALS	DIM. L x W x D	MOQ
00	31320	2.5 ml & 5 ml	PP/PS	94.5 x 27.6 x 11.3 mm	20,700

# Measuring spoons



CYLINDRICAL SPOON	REFERENCE	HANDLE	VOLUME	MATERIALS	DIM. L x W x D	MOQ
	31410 31420	50 mm 100 mm	10 ml	PP/PS	80 x 29.4 x 19.2 mm 129.4 x 29.4 x 19.2 mm	10,800
	31411 31421	50 mm 100 mm	15 ml	PP/PS	82.5 x 32.5 x 22.6 mm 132.5 x 32.5 x 22.6 mm	10,000
	31412 31422	50 mm 100 mm	20 ml	PP/PS	85.5 x 35.7 x 25 mm 135.7 x 35.7 x 25 mm	10,000
	31413 31423	50 mm 100 mm	25 ml	PP/PS	91.5 x 38.5 x 27.4 mm 137.7 x 38.5 x 27.4 mm	18,080 14,080
	31414 31424	50 mm 100 mm	30 ml	PP/PS	93.9 x 40.9 x 27.8 mm 140.8 x 40.9 x 27.8 mm	15,040 12,000
	31417 31427	50 mm 100 mm	35 ml	PP/PS	92.2 x 43 x 29.2 mm 142.9 x 43 x 29.2 mm	14,080 11,200
	31415 31425	50 mm 100 mm	40 ml	PP/PS	95.2 x 45.2 x 30.2 mm 145.2 x 45.2 x 30.2 mm	12,000 10,000
	31416 31426	50 mm 100 mm	50 ml	PP/PS	98.5 x 48.5 x 32.4 mm 145.5 x 48.5 x 32.4 mm	10,000 8,000
A	31400	50 mm	14 ml	PS	76 x 34 x 25 mm	6,000
	31418	80 mm	55 ml	PP	120 x 45 x 42 mm	10,080

PERFORATED CYLINDRICAL SPOON	REFERENCE	HANDLE	VOLUME	MATERIALS	DIM. L x W x D	MOQ
	31413T 31423T	50 mm 100 mm	25 ml	PP/PS	91.5 x 38.5 x 27.4 mm 137.7 x 38.5 x 27.4 mm	18,080 14,080
	31414T 31424T	50 mm 100 mm	30 ml	PP/PS	90.9 x 40.9 x 27.8 mm 140.8 x 40.9 x 27.8 mm	15,040 12,000
	31417T 31427T	50 mm 100 mm	35 ml	PP/PS	92.2 x 43 x 29.2 mm 142.9 x 43 x 29.2 mm	14,080 11,200
	31415T 31425T	50 mm 100 mm	40 ml	PP/PS	95.2 x 45.2 x 30.2 mm 145.2 x 45.2 x 30.2 mm	12,000 10,000
	31416T 31426T	50 mm 100 mm	50 ml	PP/PS	98.5 x 48.5 x 32.4 mm 145.5 x 48.5 x 32.4 mm	10,000 8,000



#### Cosmetic spatulas

#### USE

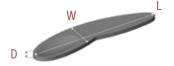
- Cosmetic
- Pharmaceutical
- Food

#### **BENEFITS**

- Wide rangeHygienic

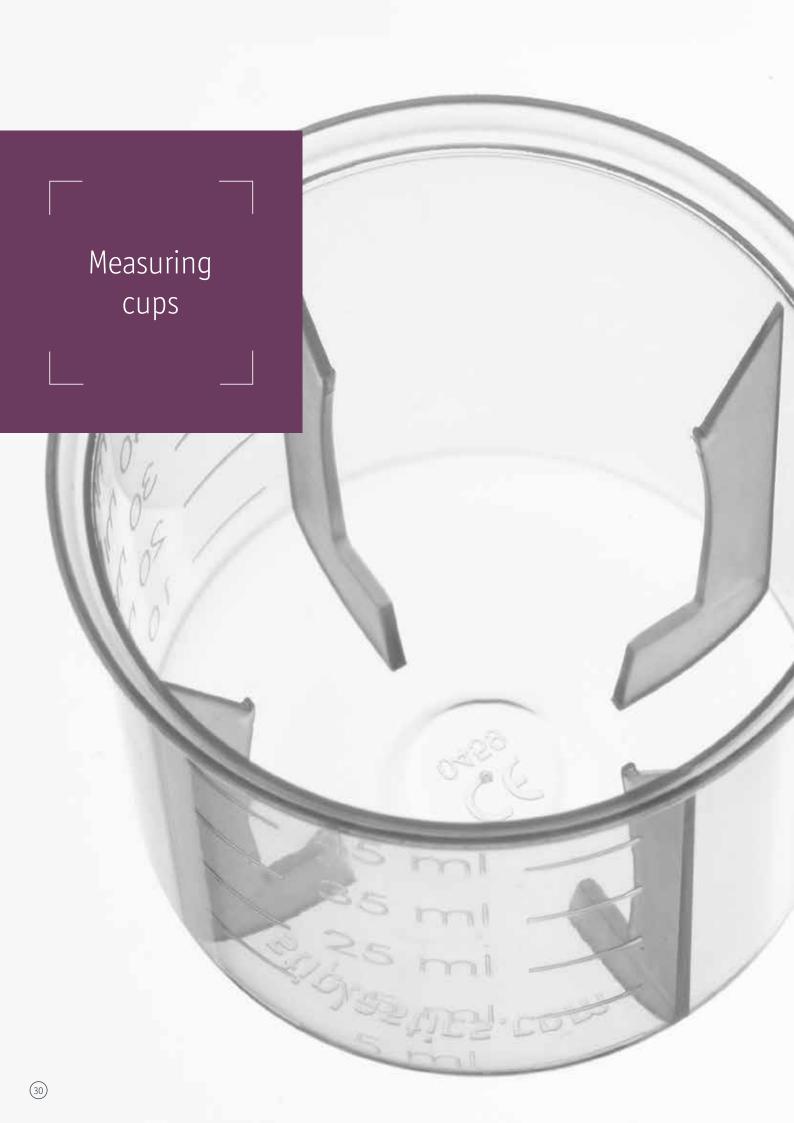
#### **CUSTOMISATION**

- Shape
- Colour
- Metallic, pearly or iridescent effects Marking
- Individually wrapped



Length Width Depth

	REFERENCE	MODEL	MATERIALS	DIM. L x W x D	MOQ
	37006	Basic	PP/PS	59 x 12.1 x 1.5 mm	12,000
9	37007	Design	PE/PP/PS	59.8 x 12.4 x 1.5 mm	12,000
	37008	Boomerang	PP/PS	59.1 x 17.7 x 1.5 mm	12,000
	37004	Curve	PP	84 x 14.5 x 4 mm	10,000





#### **BENEFITS**

- Dosing of liquid and dry medicines
- Comprehensive range

#### **CUSTOMISATION**

- Gradation
- Fins adaptable to different caps
- Marking
- Packaging

#### **REGULATORY COMPLIANCE**

- Im class MD\*
- CE 0459\*\* marking No phthalates or bisphenol A
- Pharmaceutical and/or food-grade materials
- Pharmacopoeia or bio-compatible materials on request

#### Measuring cups



#### USE

- Volumes from 14 ml to 110 ml
- For caps PP25 to PP38
- Material PP

**CUSTOMISATION** 

- Standard transparent colourCE marking for drug delivery



Height Diameter

	FOR PP25 PLASTIC	VOLUME	GRADATION (ml)	DIM. H x D	MOQ
10ml Srv	32701	14 ml	5 - 10	31.1 x 31 mm	11,200
	STI036	20 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5	33.3 x 29.8 mm	10,000
	STI044	23 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5 – 20	29 x 37.5 mm	25,200
U	32801	60 ml	10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55	46.8 x 48.1 mm	11,200

FOR PP31 PLASTIC	VOLUME	GRADATION (ml)	DIM. H x D	MOQ
32850	25 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5 – 20	27.8 x 38 mm	10,000

FOR PP38 PLASTIC	VOLUME	GRADATION (ml)	DIM. H x D	MOQ
32800PP38	60 ml	10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55	47.2 x 48 mm	12,000

# Measuring cups

H D

Height Diameter

					Diameter
	FOR PP28	VOLUME	GRADATION (ml)	DIM. H x D	MOQ
Jone Smi	32701 PP28 alu.	14 ml	5 – 10	31 x 31.1 mm	11,200
	32840 PP28 alu.	20 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5	30 x 33.3 mm	10,000
	32820 PP28 plas. PP28 TE	20 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5	25.3 x 36 mm	10,000
	32830 PP28 plas. PP28 TE	25 ml	2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5 – 20	31.2 x 36 mm	10,000
	STI029 PP28 plas. PP28 TE	23 ml	2.5 – 5 – 10 or 2.5 – 5 – 7.5 or 2.5 – 5 – 7.5 – 10 – 12.5 – 15 – 17.5 – 20	29 x 37.5 mm	25,200
	STI044 PP28 alu.	23 ml	2.5 - 5 - 7.5 - 10 - 12.5 - 15 - 17.5 - 20	29 x 37.5 mm	25,200
	32811 PP28 alu.	30 ml	2.5 - 5 - 7.5 - 10 - 12.5 - 15 - 17.5 - 20 - 22.5 - 25	25.3 x 48.1 mm	12,000
	32812 PP28 CRC-TE	30 ml	5 – 7.5 – 10 – 15 – 20 – 25	25.3 x 48.1 mm	10,528
	32810 PP28 plas. PP28 TE	30 ml	2.5 - 5 - 7.5 - 10 - 12.5 - 15 - 17.5 - 20 - 22.5 - 25	25.3 x 48.1 mm	10,528
	26105031 PP28 plas. 26105041 PP28 alu.	30 ml	5 – 10 – 15 – 20	34.5 x 38.6 mm	15,300
	32702 PP28 CRC-TE	35 ml	5 - 7.5 - 10 - 12.5 - 15 - 17.5 - 20 - 22.5 - 25 - 27.5 - 30	35.9 x 44.5 mm	10,528
	STI042 PP28 plas. PP28 TE	55 ml	5 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50	42.5 x 48.2 mm	11,200
	32801 PP28 alu.	60 ml	10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55	46.8 x 48.1 mm	12,000
	32802 PP28 CRC-TE	60 ml	10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55	46.7 x 47.9 mm	12,000
	32800 PP28 plas. PP28 TE	60 ml	10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55	46.9 x 46.6 mm	12,160

# IML high-end customisation





dosing devices that comply with the European Pharmacopoeia (CE 0459\* marking). Unlike pad or offset printing or adhesive labels, which are surface printing systems, IML technology incorporates the label in the packaging. The indelible result offers exceptional graphic quality.

Our technical prowess with IML (In-Mould Labelling) creates fully customised

- **Dosing**: high contrast for ease of reading
- Full, long-lasting customisation: indelible marking, four-colour printing available, multiple options (metallic effect, UV or O₂ barrier, hologram to prevent counterfeiting, etc.) and motifs available (fun visual, technical information, logo, etc.)
- **Effective communications tool**: strengthens the product or brand identity
- 100% recyclable, single-material (PP) cup
- Short lead times: simultaneous cup production and customisation

#### The In-Mould Labelling process



1. Printing of customised labels



2. Positioning of the label around the mandrel



3. Inserting the label into the mould



4. Injection of plastic material Fusion of label and plastic



5. Finished, single-material product with indelible marking

REFERENCE	VOLUME	FOR PP28**	DECORATION / GRADATION	DIM. H x D	MOQ
STI035	23 ml	Plas. TE	Fully customised	29 x 37.5 mm	28,800
STI032	60 ml	Plas. TE	Fully customised	48.5 x 45.5 mm	29,184

<sup>\*</sup> For drug delivery

<sup>\*\*</sup> Compatible with other necks or cap models on request

# **Shaker**

The shaker is an essential accessory for reconstituting drinks just before you consume them.

Ideal for the sports nutrition or slimming market, our shaker offers a range of benefits:

- Ergonomic, designer shape for better mixing
- Optimal capacity 300 ml
- Adaptable: choice of gradation markings
- Easy to clean
- Effective communications tool: IML printing of a customised visual, four colours, indelible
- · Choice of cap colours









#### WIDE RANGE

- Comprehensive range (glass or plastic droppers, and nozzles)
- Multiple combinations possible for different neck diameters
- Dosing compliant with European Pharmacopoeia 2.9.27
- Various applications (human health, animal health, chemistry, food processing)

#### **FEATURES**

- Raw materials with no bisphenol A, suitable for contact with food
- Pharmacopoeia or bio-compatible materials on request
- Glass or plastic (PE/PP) pipette

#### CUSTOMISATION

Gradation, pad printing, colour, packaging

#### **Droppers**



#### **DROPPER COMPONENTS:**

- 1 Teat: determines the size of the dose
- (2) Ring (tamper-evident or not): attaches the dropper to the bottle
- **Pipette**: material, shape and height determined depending on use and container

#### **USE**

• Uniform dosing of medical drops for use in human or animal health

#### **BENEFITS**

Ring with screw suitable for glass or plastic bottles

- · Standard colour black or white
- Other colours available on request
- Sterilisation on request
- Individual packaging available
- Caps available to complement the range (see p. 48)

REF.	RING	VOLUME	PIPETTE MARKING	PIPETTE MATERIALS	PIPETTE SHAPE	PIPETTE SIZE	RING MATERIALS	TEAT MATERIALS
X1112110	DIN18	0.5 ml	No	Glass	F21	58 mm		
X111215	DIN18	0.5 ml	No	Glass	F8	62.5 mm	PP	
X1152A11	DIN18	0.5 ml	No	PP	F8	58 mm		
X1312C111	DIN18 TE	1 ml	No	Glass	F19	92 mm	PE	
X1302	DIN18	1 ml	No	PE	F13	62 mm		
X131213	DIN18	1 ml	Yes	Glass	F21	75 – 79.3 mm		PVC
X131214	DIN18	1 ml	Yes	PP	F13	70 mm		
X1312A12	DIN18	1 ml	No	PE	F13	62 mm	PP	
X1322A22	DIN18	1 ml	No	PE	F13	62 mm	PP	
X1352	DIN18	1 ml	Yes	PE	F8	75 mm		
X13A2A12	DIN18	1 ml	No	PE	F13	62 mm		
X710221	DIN18	0.5 ml	No	PE	F8	64 mm		
X1312C13	DIN18 TE	1 ml	No	PP	F8	64 mm	PE	



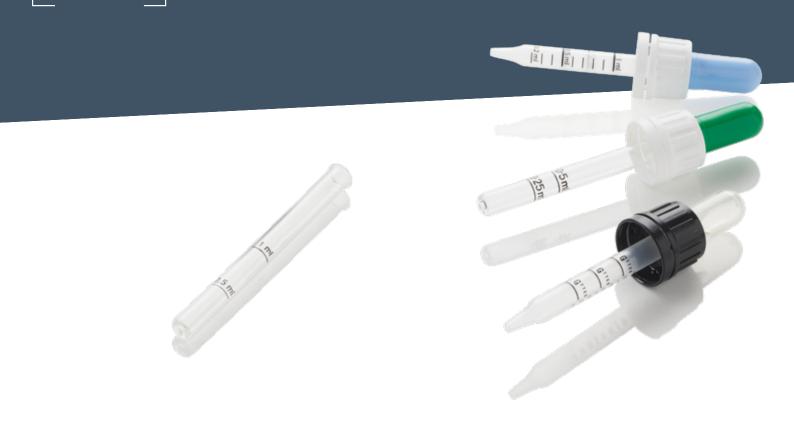


REF.	RING	VOLUME	PIPETTE MARKING	PIPETTE MATERIALS	PIPETTE SHAPE	PIPETTE SIZE	RING MATERIALS	TEAT MATERIALS
X110411	PH18	0.5 ml	No	PE	F8	64 mm	PP	
X1124210	PH18	0.5 ml	No	Glass	F21	50.2 mm	PP	DVO
X1124211	PH18	0.5 ml	No	Glass	F19	50 mm	PP	PVC
X1310	-	1 ml	Yes	PP	F13	70 mm	-	

REF.	RING	VOLUME	PIPETTE MARKING	PIPETTE MATERIALS	PIPETTE SHAPE	PIPETTE SIZE	RING MATERIALS	TEAT MATERIALS
X31431611260	PP18 CRC	1 ml	No	Glass	F18	60 mm	PU	Butyl

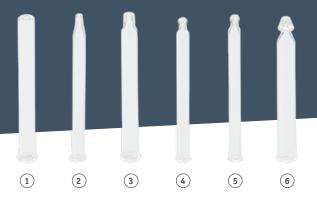
REF.	RING	VOLUME	PIPETTE MARKING	PIPETTE MATERIALS	PIPETTE SHAPE	PIPETTE SIZE	RING MATERIALS	TEAT MATERIALS
X1279	PP25 TE	0.6 ml	Yes	PP	F13	70 mm	PP	PVC
X1309	PP25 TE	1 ml	Yes	PP	F13	70 mm	PP	PVC
X630914	PP25 TE	1 ml	Yes	PP	F13	70 mm	PP	SEBS

# Droppers



REF.	RING	VOLUME	PIPETTE MARKING	PIPETTE MATERIALS	PIPETTE SHAPE	PIPETTE SIZE	RING MATERIALS	TEAT MATERIALS
X111711	PP28	0.5 ml	No	Glass	F8	100 mm	PP	
X111727	PP28	0.5 ml	No	Glass	F17	65 mm	PP	
X131725	PP28	1 ml	No	Glass	F8	63, 91, 100, 109 mm	PE	PVC
X1A11	PP28	1 ml	Yes	PP	F8	75 mm	PP	PVO
X731713	PP28	1 ml	Yes	PP	F8	75 mm	PP	
X1311014	PP28 TE	1 ml	Yes	PP	F13	70 mm	PP	

## **Droppers**



#### USE

 Pipettes can be gradated by volume (ml), dose (1 dose) or a fixed number of drops (usually 20 - 30 - 40 drops)

#### **BENEFITS**

- Plastic pipette: very light, unbreakable, easy to print on main section
- Glass pipette: high transparency, tolerates all solutions

- Printing of gradations, possible development of other lengths and/or shapes of glass pipette
- Individually wrapped
- Caps available to complement the range (see p. 48)

PLASTIC PIPETTE	REF.	DESCRIPTION	SIZE
	F8	Round end	58 mm
			61 mm
			64 mm
1			67 mm
			75 mm
			62 mm
	F13	Tapered end	70 mm
			85 mm

GLASS PIPETTE	REF.	DESCRIPTION	SIZE	
1)	F8	Round end		
(2)	F13	Tapered end		
3	F17	Curved tapered end	50 to 110 mm	
4	F18	Straight end	depending on model	
(5)	F19	Curved ball end		
6	F21	Wheat ear		

# Nozzles for droppers

#### **DROPPER COMPONENTS:**

- 1 Lid: screw or clip-on
- 2 Body: dosing device
  - Ring: screwed or clipped on to the container



#### **USE**

- Dosing for nasal, ear or ophthalmic application
- Neck for screw nozzle: DIN18, 20-410, 20-415, 24-410, PH18, PH20 and PP28
- Neck for clip-on nozzle: WI20

#### **BENEFITS**

- Counts drops for dosing
- · Sold with or without ring

- Several hardnesses of PVC can be produced
- · Sterilisation possible
- Individual packaging with or without printing on request
- Caps available to complement the range (see p. 48)

REF.	RING	DROP SIZE IN µL	BODY MATERIALS	CAP MATERIALS	RING MATERIALS		
XBA42111	DIN18	50	PVC				
XBA540412	DIN18	55	EVA				
32106	20-410	50	PVC				
32100	20-415	50	PVC				
32107	24-410	50	PVC		PP		
32108	24-415	50	PVC	PE	rr		
XBA121122	PH18	50	PVC				
XBA121152	PH20	50	PVC				
XBA321342	PP28	50	PVC				
XBA340442	PP28	55	EVA				
XBX1	WI20	40	PVC/EVA				
XBX2	WI20	45	PVC/EVA		n/a		
XBX4	WI20	50	PVC/EVA				

NOZZLE + LID	REFERENCE	DROP SIZE IN µL	BODY MATERIAL	NOZZLE Ø	LID MATERIAL	
	32402			8 mm	PE	
	XBA1201	E0.	DVC	17 mm		
(6===	32401	50	PVC	18 mm		
	32400			20 mm		



# **Twist & Close nozzle**

The Twist & Close nozzle is very easy to use. Its innovative lid design means it can be opened and closed in a single movement. The medicine is delivered by pressing on the bottle once it has been opened by unscrewing the outer opening.

To close, just turn it in the opposite direction. Designed for nasal or ear solutions, it is equally suitable for use in human and animal health.

- **Hermetic, airtight seal:** Resealable device with a tamper-evident system for first use. Airtight seal between the ring of the nozzle and the container.
- **Safe and effective:** The internal pin protects the medicine and prevents it from returning into the container. It also keeps the mixture evenly combined and ensures the whole system remains airtight.
- **Hygienic and easy to use:** Single-handed closure to avoid losing the lid. Flexible end for comfortable use in the ear canal.
- Made-to-measure: Nozzle adapts to all container necks.

#### **Technical data**

- · Flexible, transparent or opaque PVC applicator
- Polyethylene outer ring
- Polypropylene ring and pin
- Airtight seal



Tear off the tamper-evident seal



Open the ring by turning it with your fingers



Dispense the medicine



Re-close the nozzle by turning in the opposite direction







#### **COMPREHENSIVE RANGE**

- Containers for syrups, drinkable solutions and suspensions from 60 ml to 1,000 ml
- Screw caps for glass and plastic containers: standard, tamper-evident or child safety

#### **FEATURES**

 Raw materials with no bisphenol A or phthalates, suitable for contact with food

#### **CUSTOMISATION**

Colours

#### **PET bottles**



#### USE

- Containers for syrups, drinkable solutions and suspensions
- 60 ml to 1,000 ml
- Extra-thick bottles to prevent distortion

#### **BENEFITS**

- Made from PET with no bisphenol A or phthalates, suitable for contact with food
- For PP28 ring
- Injection then blow-moulding of our own pre-forms

- Standard colour brown
- Other colours on request



PET BOTTLE	REFERENCE	VOLUME	HEIGHT	DIAMETER	COMPATIBLE CAPS	MOQ
	EP016	60 ml	87.8 mm	38 mm		4,800
	EP035	100 ml	96.8 mm	46.1 mm		4,320
	EP006	125 ml	113 mm	46 mm		3,888
	EP036	150 ml	111.5 mm	51.6 mm	AF4007B15X CS4003B17A2	3,168
	EP060	200 ml	121.4 mm	57 mm		2,240
	EP032	250 ml	125.7 mm	61.7 mm	D28RSD71WIWIS2	2,016
	EP061	300 ml	142.8 mm	65.6 mm		1,344
	EP048	500 ml	166.4 mm	74 mm		1,080
	EP145	500 ml	180.4 mm	69.9 mm		1,152

PET BOTTLE	REFERENCE	VOLUME	HEIGHT	WIDTH	COMPATIBLE CAPS	MOQ
	EP037	200 ml	140.5 mm	59 mm	AF4007B15X	2,520
	EP174	500 ml	185.3 mm	81 mm	CS4003B17A2 D28RSD71WIWIS2	1,176

## PET bottles

PET BOTTLE	REFERENCE	VOLUME	HEIGHT	DIAMETER	COMPATIBLE CAPS	MOQ
	EP160	200 ml	116 mm	60 mm		2,240
EP132	250 ml	129 mm	62.5 mm		1,536	
	EP155	500 ml	154 mm	79 mm	AF4007B15X CS4003B17A2 D28RSD71WIWIS2	924
	EP108	500 ml	180.8 mm	69.5 mm	BZ6H0B7 TWWWGZ	1,080
	EP134	1,000 ml	217.7 mm	88 mm		480





#### USE

- For easy opening and closing of liquid medicine bottles: syrups, solutions, drinkable suspensions, etc.
- Can be used in combination with the pipettes for droppers range (see p. 38 to 42)
- PP28 caps can be adapted for PET bottles p. 46 and 47

#### **BENEFITS**

- Tamper-evident model made in a single piece (ring and cap): easy to open and close
- The tamper-evident ring detaches visibly and shows that the bottle has been opened

- Colour
- Seal thickness
- Packaging

CAP	REFERENCE	RING	RING MATERIAL	FEATURES
	CP00DIN14V2	DIN14	PP	-
	CP00DIN18IN	DIN18	PEHD/PP	Tamper-evident
	CP00DIN18	DIN18	PP	-
	CP00PH18	PH18	PP	-
	CP00PP25	PP25	PP	Tamper-evident depending on model
	AF4007B15X	PP28	PE/PP	Tamper-evident
	CS4003B17A2	PP28	PE/PP	Child safety
80	D28RSD71WIWIS2	PP28	PE/PP	With connector



# X'temp®





X'temp is a system to **reconstitute medicine or food supplements just before the administration**. The instant mixture of active principles to be added at the last moment can be in liquid or powder form.

It is hermetically stored in the reservoir in the cap until it is tapped, when it falls into the liquid in the bottle to be mixed ready for use.

Ideal for food supplements or energy products, X'temp is also perfect for medicines.

It consists of a perforating cap with a tamper-evident ring and sealed, single-dose container.

- Practical and easy to use: reconstitute medicines without opening the cap
- **Fewer preservatives needed:** because the two phases are separate until the last moment, they remain stable for longer ensuring the perfect medicine integrity
- **Safe, reliable system:** lid with tamper-evident ring, with the powder or liquid in a hermetically sealed reservoir

#### **Technical data**

- · Reservoir volume 4 ml
- For PP28
- X'temp PP and PE
- · Airtight seal
- Possible development for other sizes (volume, bottle neck)



Pull off the tamper-evident strip



Tap the reservoir by pushing firmly on the cap



Shake and take the reconstituted solution immediately









Capsu'Matic

Hygienic, safe & ergonomic Single action required For medicines, vitamins and food supplements

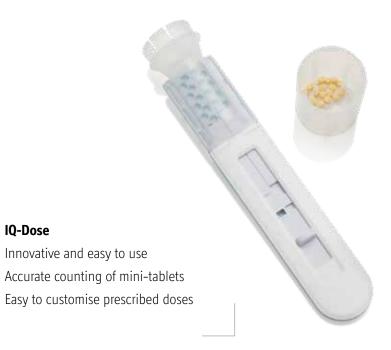


#### Pill containers

Wide range in PET or HDPE Lids with options Ideal for food supplements

#### Pilbox®

French leader in pill dispensers Encourages compliance Wide, high-quality range



One-by-one dispensing





#### **APPLICATIONS**

- Food supplements, vitamins and medicines
- Homeopathy
- Suitable for several solid forms: tablets, mini-tablets, gel capsules and soft capsules

#### **BENEFITS**

- Hygienic: no contact with hands
- Ergonomic: easy to handle, use and distribute
- Safer dosing

- Labelling, colour
- Size, capacity of container

# One-by-one dispensing





# **Press&Take**

Intuitive and accurate, Press&Take delivers the right dose with a simple press. Also reliably delivers irregularly shaped solid forms of medicine without breaking or getting them trapped in the mechanism. A tablet is released on each press!

#### **USE**

- Homeopathic pellets
- · Capacity: 4g

#### **BENEFITS**

- Reliable: medicines are never blocked and do not break
- Ergonomic: easy-to-use system thanks to intuitive design
- Tolerates irregularities in shape/ diameter of tablets

#### **CUSTOMISATION**

• Adaptable to different sizes of pellets

 Can be inserted into any kind of existing primary packaging

· Customised marking and colour





# Capsu'Matic





# Capsu'Matic

Hygienic, safe and effective, Capsu'Matic dispenses all forms of gel capsule, one-by-one, with a simple press. Only the capsules that are about to be taken leave the container, leaving the rest hygienically inside.

#### USE

- Food supplements, vitamins and medicines with high added value, where dosing or toxicity needs to be controlled
- Gel capsule sizes 00 to 3
- Two standard container sizes available: 30 and 60 gel capsules

#### **BENEFITS**

- Hygienic and ergonomic: only the medicine being taken leaves the container
- Secure opening/closing prevents dispersion of gel capsules
- Ecological: no need for outer wrapping of secondary packaging
- No need for laboratories to change existing manufacturing processes

- Adaptable to different shapes of gel capsule, tablet, capsule, etc.
- Size, colour, labelling
- Child safety and tamper-evident labelling
- · Optional space for desiccant



# **IQ-Dose creation**



# The innovative solution to administer mini-tablets

The device is entirely customisable according to the quantity of tablets







# IQ-Dose Intuitive & Quick Dose





Easy to use, the innovative IQ-Dose solution is used to count and administer mini-tablets at the same time, without touching them. This new drug delivery format is ideal for adjusting the dose to the patient's need thanks to its high concentration of active ingredients. IQ-Dose is the perfect solution for clinical trials phases, paediatric medicine, Parkinson's disease, oncology, psychiatric treatments, etc. and offers complete hygiene and safety.

- **Customise the dose:** select the exact quantity of mini-tablets prescribed at the same time
- Adjust the dose gradually depending on the response to treatment
- Hygienic and accurate: no need to count out mini-tablets one by one, reducing the risks of error and spillage
- Customisable: adaptable to different sizes of tablet, quantity of tablet, sizes of container and logo
- CE 0459 marking, for drug delivery



#### An easy-to-use, ergonomic device:



Select the number of tablets required by sliding the rule to the number desired



Remove the cap and connect the device directly to the medicine container



Turn it upside down until the holes in the device are covered. The exact quantity of mini-tablets is counted all at once



Release the mini-tablets into the cup and take them according to the prescription





#### USE

- Container for all types of medicines, vitamins and food supplements
- Pill dispensers for all types of users: people taking multiple drugs, light treatments and occasional consumers of food supplements

#### **BENEFITS**

- Wide, high-quality range
- Keep out of direct sunlight
- Easy and hygienic to transport

- Decoration
- Bespoke development of pill dispensers for clinical trials and targeted treatments
- Marketing accessory to enhance and promote the brand

### Pilbox®

#### USE

- Encourages treatment compliance and organisationWide range of pill dispensers: daily and weekly dispensers and accessories
- High quality and discreet for all ages

#### **BENEFITS**

- Transportable: removable modules depending on model
- Available in several languages
- Simplifies administration and makes taking medicines safer
   Easy to read: clear marking and sensory guides



























	MODEL	COLOUR	CATEGORY	EXTERNAL DIMENSIONS	MODULES
1	Liberty	Chocolate, olive, carmine, camel Limited annual edition	Weekly dispenser	15 x 11 x 3 cm	7 modules with 4 sections
2	Maxi	Chocolate, carmine	Weekly dispenser	15.3 x 13.2 x 4.7 cm	7 modules with 4 sections, up to 15 gel capsules per section
3	Mini	Chocolate/turquoise Taupe/orange	Weekly dispenser	12.2 x 7.9 x 3.3 cm	7 modules with 3 sections, up to 4 gel capsules per section
4	Cardio	Grey Powder pink	Weekly dispenser	15 x 12 x 3.5 cm	7 modules with 4 sections + sachet storage, up to 6 gel capsules per section
5	Homéo	Petrol blue Aniseed green	Special	25 x 16 x 3 cm	18 tubes and eight homeopathic doses
6	Pilbox 7	White/blue	Weekly dispenser	15 x 13 x 5 cm	7 modules with 4 sections, up to 15 gel capsules per section
7	Classic	Grey	Weekly dispenser	21 x 11.8 x 3 cm	28 sections up to 6/8 gel capsules per section
8	7.4	White/varied IML decoration	Weekly dispenser	16 x 13 x 4.5 cm	7 modules with 4 sections, up to 15 gel capsules per section
9	Moov	White/peach Anthracite/blue	Daily dispenser	7.6 x 3.3 x 10.9 cm	7 modules with 2 sections, up to 4 gel capsules per section
10	Daily	Olive, mandarin, blue, green	Daily dispenser	11 x 6 x 2.6 cm	4 sections + 1 large section blister pack and tube
11)	Tempo	Grey, turquoise, orange, green	Weekly dispenser	13 x 5.5 x 2 cm	1 section per day / 7 days or 7 sections / 1 day
(12)	Cutter	Beige, orange, blue, green	Pill-cutter	10.7 x 2.5 x 2.1 cm	1 cutter + 1 place to store the second half of the cut tablet

# PET & HDPE pill containers

#### Focus on a plant-based container

- Biopolymer made from renewable resources
- 100% recyclable
- 5.5 million containers manufactured since 2016



#### **USE**

- For medicines, vitamins and food supplements
- Range of corresponding lids

#### **FEATURES**

- In PET or HDPE
- · Snap or screw opening
- 30 ml to 250 ml
- Standard or bespoke colour on request



HDPE PILL CONTAINERS	REFERENCE	USABLE VOLUME	VOLUME TO BRIM	RING	COMPATIBLE LID	HEIGHT	DIAMETER	MOQ
	EP8502	30 ml	42 ml	31.5 snap	EP31.5	50.5 mm	36.6 mm	12,000
	EP8503	50 ml	58 ml	31.5 snap	EP31.5	71 mm	36.6 mm	8,000
	EP8504	75 ml	94 ml	43 snap	EPN43	72 mm	45 mm	5,200
	EP8505	100 ml	113 ml	43 snap	EPN43	87 mm	45 mm	4,000
	EP804	<b>75 ml</b>	112 ml	38 screw	EP38	73.8 mm	50.5 mm	4,240
	EP810	125 ml	168 ml	38 screw	EP38	104.4 mm	50.5 mm	2,800
	EP8508	100 ml	129 ml	43 snap	EPN43	80.5 mm	50.5 mm	3,680
	EP8510	125 ml	157 ml	43 snap	EPN43	94.5 mm	51 mm	3,040
	EP8506	150 ml	214 ml	60 snap	EP60	75.5 mm	68 mm	2,080
	EP512US	150 ml	177 ml	43 snap	EPN43	87.3 mm	55 mm	3,040
	EP8507	200 ml	262 ml	60 snap	EP60	89 mm	68 mm	1,760
	EP513US	225 ml	275 ml	43 snap	EPN43	109.5 mm	62 mm	1,760
	EP514US	250 ml	308 ml	43 snap	EPN43	125.5 mm	62 mm	1,520

PET PILL CONTAINERS	REFERENCE	USABLE VOLUME	VOLUME TO BRIM	RING	COMPATIBLE LID	HEIGHT	DIAMETER	MOQ
	EP603	50 ml	63 ml	43 snap	EPN43	51 mm	45 mm	8,136
	EP604	75 ml	90 ml	43 snap	EPN43	68 mm	45 mm	6,328
	EP605	100 ml	117 ml	43 snap	EPN43	85 mm	45 mm	5,424
	P625	150 ml	179 ml	43 snap	EPN43	96 mm	53 mm	3,696
	P627	250 ml	286 ml	43 snap	EPN43	111.5 mm	63 mm	2,160

## Lids for HDPE and PET pill containers





LIDS FOR HDPE PILL CONTAINERS	REFERENCE	RING	HEIGHT	DIAMETER	CORRESPONDING PILL CONTAINER	DESICCANT
9	EP31.5	31.5 snap	15.45 mm	32.4 mm	EP8502, EP8503	No
	EP31.5 C010	31.5 snap	15.45 mm	32.4 mm	EP8502, EP8503	Yes
	EPN43 with TE strip	43 snap	15.5 mm	44.7 mm	EP8504, EP8505, EP512US EP513, EP514, EP508, EP510	No
	EPN43SL without TE strip	43 snap	15.5 mm	44.7 mm	EP8504, EP8505, EP512US, EP513, EP514, EP508, EP510	No
	EPN43 CO14	43 snap	15.5 mm	44.7 mm	EP8504, EP8505, EP512US EP513, EP514, EP508, EP510	Yes
	EP60	60 snap	16.5 mm	60 mm	EP8506, EP8507	No
	EP38	38 screw	21.5 mm	44 mm	EP804, EP810	No

TAMPER-EVIDENT LIDS FOR PET PILL CONTAINERS	REFERENCE	RING	HEIGHT	DIAMETER	CORRESPONDING PILL CONTAINER	DESICCANT
	EPN43	43 snap	15.5 mm	44.7 mm		No
	EPN43SL	43 snap	15.5 mm	44.7 mm	EP603 EP604 EP605 P625 P627	No
	EPN43 CO14	43 snap	15.5 mm	44.7 mm	. 521	Yes

# BESPORE DEVELOPMENT 8 SUBCONTRACTING

**66** 



# A Project Team Management for your product

Regulatory and quality oversight

Regulatory and quality manager —

Project quality manager —

Risk analysis .....



## **Request Analysis**

- Project requirements review and validation
- Regulatory and engineering analysis
- Toolings and automation pre-studies
- Quotation

#### **Device Master Record**

**Design History File Technical Dossier** 



# Industrialization & Manufacturing

Validation (PQ) for both toolings and automation

Manufacturing

- PDCA & productivity
- Maintenances and archiving

#### **Development**

#### **Toolings and automation studies & follow-up:**

- Toolings and automation specification and studies
- Industrial means Design Qualification (DQ)
- Weekly follow-up and status report

Design transfert (IQ and OQ)

Design verification and validation: Initial Samples & pre-series



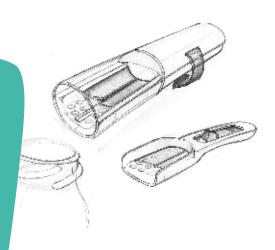
# **Innovation & Product design**

ΙP

Existing patents collection, freedom to operate and patentability studies

#### **Product design**

- Market studies
- Sketches, roughs, 3D models
- Concepts and processes evaluation
- Product design & ergonomics



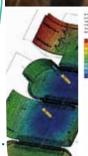
# **Engineering**

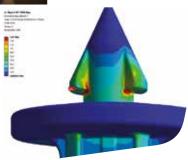
#### **Technical research and outputs**

- Compliant materials selection including bio-sourced and recycled resins
- Device and process design, simulation and sourcing
- Mock-ups and functionnal prototypes
- Drawing views and bill of material















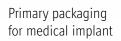






Primary packaging for medical implant











Pill dispensers for clinical trials or specific conditions







Packaging for pre-filled syringe



Electro-medical device and packaging



Protection for vials, sprays or other forms of primary or secondary packaging for clinical trials





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#### **Three production sites:**

## Rovipharm Healthcaring

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## **Stiplastics Healthcaring**

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