



# WUXI SUNMART SCIENCE AND TECHNOLOGY CO., LTD.

(SUNMART GROUP CORPORATION LIMITED)

*We are the largest manufacturer in China to produce Fine Mist Spray Pumps, Treatment Pumps, Lotion Pumps, Foaming Pumps, Nasal Sprayers, Tube(oral) Sprayers, Perfume Atomizers, Trigger Sprayers, Cream Jars, Roll-on, Plastic Bottles, Caps and Containers, Plastic Lip Balm Containers, Droppers, Syringes, Combination Spray Units, Aluminium Cans and Caps and Pharmaceutical Glass Bottles, Perfume Glass Bottles and Tubes, which have been designed by our technicians and our customers for exporting. Proudly with ISO 9001:2015, ISO4001:2015, ISO 13485 Certificates and all the materials of our products are approved by SGS(equal to FDA),TUV and CE. Our products are ideally suitable for use in Pharmaceutical, Cosmetical and other personal care products. Our daily output of pumps is more than 3.5 million pieces. We have very wide connections with our customers around the world.*

*We have the advanced professional group in the research institute center, specializing at developing all molds by using the modernized technology for all our products to meet our customers' requirements.*



WUXI SUNMART SCIENCE AND TECHNOLOGY CO., LTD.  
(WUXI SUNMART PLASTIC PRODUCTS CO., LTD.)

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# Specifications for our spray pumps:

- \* Colors for actuators, closures, dustcaps and metal: on your requests
- \* The length of dip tubes based on FBOG or NET: on your requests
- \* Closures: if sizes be followed by "s", means smooth closures, if followed by "d", that is double-wall closures
- \* If special projects you require for your products, we can make the designs, and all the moulds by ourselves

## Fine Mist Spray Pumps FMA series (Screw version)

Closures: from 11/415 to 28/410

Dosages: 0.035ml, 0.05ml, 0.12ml, 0.15ml, 0.2ml, 0.4ml with P.P., P.S. and K-Resin Dustcaps

### FMA-01



FMA-01 (all plastic) with plastic dustcaps  
 FMA-010C (all plastic) with PS and PP overcaps

### FMA-010C



### FMA-02



### FMA-02H FMA-02M

### FMA-03



### FMA-03OC

### FMA-02OC

**FMA-02**(metal sheathed closures and plastic actuators)

**FMA-02H**(plastic closures and metal sheathed actuators)

**FMA-02M**(metal sheathed closures and plastic actuators with metal dustcaps)

**FMA-03**(metal sheathed closures/actuators)

**FMA-03OC**(metal sheathed closures/actuators+PP or PS overcaps)

**FMA-02OC**(metal sheathed closures and plastic actuators+PP or PS overcaps)

### FMA-04



### FMA-05

### FMA05MOC

### FMA05MOC

### FMA05MOC

### FMA05MC

### FMA05MOC



**FMA-04**(metal sheathed closures/actuators and metal overcaps)

**FMA-05**(metal screwed closures and metal sheathed actuators)

## FMA-06



## FMA-019



**FMA06**(UV coated closures and metal sheathed actuators)

**FMA06M**(metal collars+UV coated closures and metal sheathed actuators)

**FMA06MOC**(metal collars+UV coated closure and metal sheathed actuator+ PS overcap)

**FMA06MM**(metal collars+UV coated closures and metal sheathed actuators+metal overcaps)

**FMA-019**(all plastic with long inserts)

## Fine Mist Spray Pumps FMB series in crimp version

- Dosages: 0.05ml, 0.05ml(Low Profile), 0.04ml(Low Profile), 0.07ml(in two types of the housings), 0.075ml(Low Profile), 0.08ml, 0.08ml LP(Low Profile), 0.12ml, 0.16ml, 0.23ml, 0.32ml, 0.40ml  
- Various actuators available for your options

**FMB-01**(metal ferrules & plastic actuators)

**FMB-02**(metal ferrules & metal sheathed actuators)

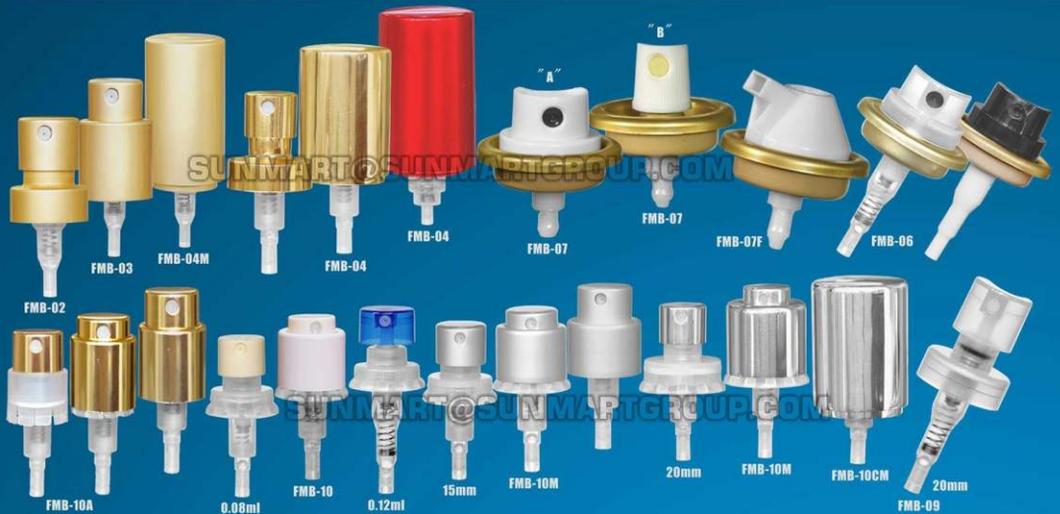
### FMB-01



### FMB-02



**FMB-03**(metal ferrules,actuators & metal collars)  
**FMB-04**(metal ferrules & metal overcaps)  
**FMB-04M**(metal ferrules+metal collars with metal overcaps)  
**FMB-06**(spray pumps in aerosol metal ferrule)  
**FMB-07** Aerosol Pumps  
**FMB-10** Crimpless spray pumps (with plastic actuators),**FMB-10A**,**FMB-10M**(with metal sheathed actuators),**FMB-10CM**(with a metal overcap)



**FMB-019**

With long inserts



**FMB-019** (actuators with long inserts)

**FMB0C**(FMB with PP overcaps)  
**FMB-08**(Plastic snap-on)  
**FMB-05** (in aerosol plastic ferrule)  
**FMB-09** in snap-on version with PP dustcaps



**Cream Pumps(Treatment Pumps)**

Dosages: 0.2ml, 0.4ml, 0.65ml with or without PP, PS or K-resin dustcaps  
 Different actuators can be offered for your options

**CR-01 (all plastic)**  
**CR-02** (metal sheathed closures+plastic actuators)  
**CR-03** (metal sheathed closures+metal sheathed actuators:C04 and C05)  
**CR-04** (metal sheathed closures/metal sheathed actuators:C04 and C05 with metal overcaps)

**CR-01**



**CR-02**



**CR-03**





- Different actuators for your options  
 - Actuators: **C-01, C-05, C-06** and **C-07A** can be equipped with dustcaps, others could not, but with overcaps.  
**C-04** and **C-05** can be metal sheathed. **C-12** for dosage:0.05ml,0.12ml only  
**C07AC** with a PP cover. **C07E** be used for dosage:0.20ml,in turn on/off locking system  
**C-07B, C-07C, C-07D, C-16** and **C-15** be used for dosage:0.65ml,in turn on/off system.

**CR010C**



**CR010C** (all plastic with PP, PS and AS overcaps)

**CR020C**



**CR020C** (metal sheathed closures+plastic actuators / **CR030C** with metal sheathed actuators) with PS overcaps

**CR-05**

**CR-05M**

**CR-06**

**CR-06M**



**CR-05** (metal closures+plastic actuators/ **CR-05M** with metal sheathed actuators)  
**CR06** (metal ferrules+plastic actuators/ **CR06M** with metal sheathed actuators:C04,C05)  
**CR01D** (all plastic)

## CR-10 (Turn on/off)



Dosages: CR10E:0.2ml, others:0.65ml

CR10E,CR1015,CR10B,CR10C,CR10D(Actuators in Turn On/Off system)

Items be followed by "M"-with metal sheathed closures

## L-01



## L-01A



## Lotion Pumps

Dosages: 1.0ml, 2.0ml, 3.0ml, 4.0ml, 6.0ml  
 Different actuators can be offered for your options

L-01(all plastic), L-01A(all plastic with Actuators in Turn On/Off system)



The actuator:  
 L-5A/15A/16A/9A/19A/20A used for  
 the lotion pumps in Turn On/Off type,  
 others are for Push Down Lock type.

L-02



L-02A

L2-2

L2-9

L2-3

L2-5

L2-15

L2-17

L2-9A

L2-5A

L-03

L-03A

L-05

L-05A

L-06



L2-16A

L2-5A

L3-2

L3-10

L3-5A

L3-15A

L5-5A

L5A-5

L6-2

L-02 (Metal sheathed Closures+Plastic Actuators)  
 L3 (UV coated plastic Closures/Actuators)  
 L5 (Screwed metal closures with plastic Actuators)  
 L6 (metal sheathed closures with UV coated Actuators)

LO-2B, 21B, 5B, 9B (all plastic) Dosage:4.0ml  
 L1-2B (all plastic) Dosage:3.0ml  
 L1-8, L1-18 (all plastic), L2-8M, L2-18M (with metal sheathed closure) Dosage:6.0ml  
 L4 (metal sheathed double-wall closure with a plastic actuator)  
 LOA, LO-B (all plastic with PP cap 89/400 smooth) with PE liners  
 100/400 is the private mould, not for sale.



L-21B

L-5B

L-9B

L-2B

L-18

L-8



L0-2B

L0-21B

L0-5B

L0-9B

L1-18

L1-8

L1-18M

L4-P

L4-W

L1-2B

89/400

L0-A

100/400

L0-A

L0-B

## - Trigger spray pumps

The colors of the trigger, closure and button can be made as per your requirements.

### - Pumpbody types:

- **Vertical pump bodies:** SP-01, SPS-112C, SPS-112D, SPS-112B2, SPS-112A2, SPS-112A1, SP-10, SPS-113, SP-03, SPS-110A, SPS-110MB, SPS-110, SPS-110J, SPS-110E, SPS-110H, SPS-110M, SPS-110K, SPS-110G, SPS-110FF, SPS-110F, SPS-111F, SPS-110AF, SPS-102, SPS-103, SPS-104, SPS-105, SPS-106
- **Horizontal pump bodies:** SP-09, SP-09L, SPS-101A, SPS-101B, SPS-108, SPS-108C, SPS-108A, SPS-108BA, SPS-108CF, SPS-108AF
- **Slant pump bodies:** SPM-109C, SPM-109B, SPM-109A, SPM-109D, SPM-109, SPM-109AF, SPM-109EF,
- **Dosages:** 0.17ml, 0.19ml, 0.30ml, 0.40ml, 0.55ml, 0.90ml, 1.0ml, 1.2ml, 1.3ml, 1.4ml, 1.5ml, 3.0ml



- **SP-01** 20/410,24/410 smooth dosage: 0.17ml with a lock clip
- **SPS-112C** 20/410,24/410,28/410 smooth dosage: 0.30ml with a button switch
- **SPS-112D** 20/410,24/410,28/410 smooth dosage: 0.30ml with a toggle switch
- **SPS-112B2/112A2/112A1** 24/410,28/410 smooth dosage: 0.30ml with a toggle switch
- **SP-10** 24/410 double-wall dosage: 0.19ml with a snap switch
- **SPS-113** 24/410,28/410 smooth dosage: 0.55ml with a button switch
- **SP-3** 24/410,28/400,28/410 dosage: 1.0ml with the actuator's function: mist spray-stream-stop
- **SP-9, SP-9L** (with long trigger) 28/400,45/400 dosage: 3.0ml with the actuator's function: mist spray-stream-stop
- **SPS-110A/110MB** 24/410,28/410,28/415 dosage: 0.90ml with the actuator's function: mist spray-stream-stop



- **SPS-110/110J/110E/110H/110M/110K/110G** 28/400,28/410,28/415 dosage: 0.90ml with the actuator's function: mist spray-stream-stop



SPS-101A

SPS-101B

SPS-108C

SPS-108A

SPS-108BA

SPS-108



SPM-109C

SPM-109B

SPM-109A

SPM-109

SPM-109D

- SPS-101A 24/410,28/410 smooth dosage: 0.40ml with a lock clip
- SPS-101B 24/410,28/410 smooth dosage: 0.40ml with a snap clip
- SPS-108C/108A/108BA/108 28/400,28/410,28/415 dosage: 1.2ml with the actuator's function: mist spray-stream-stop
- SPM-109C/109B/109A/109/109D 28/400,28/410,28/415 dosage: 1.3ml~1.5ml with the actuator's function: mist spray-stream-stop



SPS-108CF

SPM-109AF

SPM-109EF

SPS-108AF



SPS-110FF

SPS-110F

SPS-111AF

SPS-110AF

- Foaming Trigger Sprayers
- SPS-108CF/108AF 28/400,28/410,28/415 dosage: 1.2ml
- SPM-109AF/109EF 28/400,28/410,28/415 dosage: 1.5ml
- SPS-110FF/110F/111F/110AF 28/400,28/410,28/415 dosage: 0.90ml



SPS-103

SPS-104

SPS-105

SPS-106

SPS-102

- SPS-103/104/105 28/400,28/410 dosage: 1.2ml with the actuator's function: mist spray-stream-stop
- SPS-106 28/400,28/410 dosage: 1.2ml with the actuator's function: mist spray-stream-stop
- SPS-102 28/400,28/410 dosage: 1.4ml with the actuator's function: mist spray-stream-stop



**The items with Tamper Evident Cap DIN18**



- FMA-18TE** dosage:0.10ml, 0.12ml with PP dustcap
- NS03-18TE** dosage:0.10ml, 0.12ml with PP dustcap
- NS04-18TE** dosage:0.10ml, 0.12ml with PS dustcap
- PH06-18TE** Oral sprayer dosage:0.10ml, 0.12ml with plastic tubes Tubes' length: 25mm
- PH04-18TE** Oral sprayer dosage:0.10ml, 0.12ml with plastic tubes Tubes' length: 51mm,54mm,63,5mm
- PH10-18TE** Oral sprayer dosage:0.10ml, 0.12ml with plastic tubes Tubes' length: 67mm,82,7mm
- DR01-18TE** with PVC and Rubber bulbs and glass pipettes

**Aluminium Perfume Atomizers**

- **FMC-A05** "01" 5ml round shape
- **FMC-A05** 3ml round shape
- **FMC-A05** "03,04,05" 5ml round shape
- **FMC-A08** "06" 8ml round shape
- **FMC-A08** "07,08,09" 8ml round shape
- **FMC-A08** 10ml round shape
- **FMC-A08** 12ml round shape
- **FMC-A15** "10" 15ml round shape
- **FMC-A15** "11,12" 15ml round shape
- **FMC-A20** "13" 20ml round shape



- **FMC-B08** "14" 8ml round shape in turn up/down
- **FMC-B10** "15,16" 10ml round shape in turn up/down
- **FMC-B15** "17,18" 15ml round shape in turn up/down
- **FMC-B20** "19" 20ml round shape in turn up/down
- **FMC-C10** "20,21" 10ml square shape in turn up/down
- **FMC-C20** "22" 20ml square shape in turn up/down

- **FMC-D04** "25,26,27,28" 4ml refilled type round shape dimension: 17.5mmXheight 86mm
- "23" the structure of **FMC-B**
- "24" the structure of **FMC-C**





PB-03 PB-01 PB-01B PB-01BA PB-01T PB-01C PB-12C PB-12S PB-01D

### Combination Spray Units(1)

**PB-03** PE bottle 10ml + Crimp-on Spray Pump dia.13mm + PP overcap dosage: 0.07ml

**PB-01** PE bottle 10ml + Spray Pump snap-on version+Actuator in snap in + PP overcap dosage: 0.07ml

**PB-01T** PET bottles + Spray Pump snap-on version + PP overcap dosage: 0.075ml 8.5ml / 10ml

**PB-01D** PET bottles 20ml + Spray Pump snap-on version + PP overcap dosage: 0.16ml

**PB-01C** PET bottles + Cream Pump in Turn On/Off type snap-on version + PP overcap dosage: 0.2ml 8.5ml/10ml

**PB-01B/PB-01BA** PP bottles + Spray Pump snap-on version with a switch on/off sleeve dosage: 0.075ml 7.5ml/15ml

**PB-12C** PP bottle 5ml + Cream Pump dosage: 0.1ml snap-on dia.13mm + PP overcap

**PB-12S** PP bottle 5ml + Cream Pump dosage: 0.1ml screw-on 13/410 + PP overcap

### Combination Spray Units(1)

**PB-03** PE bottle 10ml + Crimp-on Spray Pump dia.13mm + PP overcap dosage: 0.07ml

**PB-01** PE bottle 10ml + Spray Pump snap-on version+Actuator in snap in + PP overcap dosage: 0.07ml

**PB-01T** PET bottles + Spray Pump snap-on version + PP overcap dosage: 0.075ml 8.5ml / 10ml

**PB-01D** PET bottles 20ml + Spray Pump snap-on version + PP overcap dosage: 0.16ml

**PB-01C** PET bottles + Cream Pump in Turn On/Off type snap-on version + PP overcap dosage: 0.2ml 8.5ml/10ml

**PB-01B/PB-01BA** PP bottles + Spray Pump snap-on version with a switch on/off sleeve dosage: 0.075ml 7.5ml/15ml

**PB-12C** PP bottle 5ml + Cream Pump dosage: 0.1ml snap-on dia.13mm + PP overcap

**PB-12S** PP bottle 5ml + Cream Pump dosage: 0.1ml screw-on 13/410 + PP overcap

### Combination Spray Units(1)

**PB-03** PE bottle 10ml + Crimp-on Spray Pump dia.13mm + PP overcap dosage: 0.07ml

**PB-01** PE bottle 10ml + Spray Pump snap-on version+Actuator in snap in + PP overcap dosage: 0.07ml

**PB-01T** PET bottles + Spray Pump snap-on version + PP overcap dosage: 0.075ml 8.5ml / 10ml

**PB-01D** PET bottles 20ml + Spray Pump snap-on version + PP overcap dosage: 0.16ml

**PB-01C** PET bottles + Cream Pump in Turn On/Off type snap-on version + PP overcap dosage: 0.2ml 8.5ml/10ml

**PB-01B/PB-01BA** PP bottles + Spray Pump snap-on version with a switch on/off sleeve dosage: 0.075ml 7.5ml/15ml

**PB-12C** PP bottle 5ml + Cream Pump dosage: 0.1ml snap-on dia.13mm + PP overcap

**PB-12S** PP bottle 5ml + Cream Pump dosage: 0.1ml screw-on 13/410 + PP overcap

### Combination Spray Units(1)

**PB-03** PE bottle 10ml + Crimp-on Spray Pump dia.13mm + PP overcap dosage: 0.07ml

**PB-01** PE bottle 10ml + Spray Pump snap-on version+Actuator in snap in + PP overcap dosage: 0.07ml

**PB-01T** PET bottles + Spray Pump snap-on version + PP overcap dosage: 0.075ml 8.5ml / 10ml

**PB-01D** PET bottles 20ml + Spray Pump snap-on version + PP overcap dosage: 0.16ml

**PB-01C** PET bottles + Cream Pump in Turn On/Off type snap-on version + PP overcap dosage: 0.2ml 8.5ml/10ml

**PB-01B/PB-01BA** PP bottles + Spray Pump snap-on version with a switch on/off sleeve dosage: 0.075ml 7.5ml/15ml

**PB-12C** PP bottle 5ml + Cream Pump dosage: 0.1ml snap-on dia.13mm + PP overcap

**PB-12S** PP bottle 5ml + Cream Pump dosage: 0.1ml screw-on 13/410 + PP overcap

### Combination Spray Units(1)

**PB-03** PE bottle 10ml + Crimp-on Spray Pump dia.13mm + PP overcap dosage: 0.07ml

**PB-01** PE bottle 10ml + Spray Pump snap-on version+Actuator in snap in + PP overcap dosage: 0.07ml

**PB-01T** PET bottles + Spray Pump snap-on version + PP overcap dosage: 0.075ml 8.5ml / 10ml

**PB-01D** PET bottles 20ml + Spray Pump snap-on version + PP overcap dosage: 0.16ml

**PB-01C** PET bottles + Cream Pump in Turn On/Off type snap-on version + PP overcap dosage: 0.2ml 8.5ml/10ml

**PB-01B/PB-01BA** PP bottles + Spray Pump snap-on version with a switch on/off sleeve dosage: 0.075ml 7.5ml/15ml

**PB-12C** PP bottle 5ml + Cream Pump dosage: 0.1ml snap-on dia.13mm + PP overcap

**PB-12S** PP bottle 5ml + Cream Pump dosage: 0.1ml screw-on 13/410 + PP overcap

**PB07A, PB07B** with Crimp-on spray pumps **FMB-01** (with plastic actuator) dia. 15mm + Flip Top Cap  
 dosages: 0.07ml, 0.075ml, 0.08ml  
**-PB-07A** PET bottle 20ml - **PB-07B** PP bottle 30ml  
**-PB-07** PET bottle 20ml - **PB-07C** PVC bottle 35ml 17/400  
**CS-15** Card Sprayer 15ml with a flip top guard dosage: 0.05ml



**Combination Spray Units (2)**

Dosage: 0.035ml  
**PB-02** PP bottle 2ml + Spray Pump in snap-on version + PP overcap  
**PB-02M** PP bottle 2ml + Spray Pump in snap-on version + UV coated PP overcap  
**PB-02MM** UV coated PP bottle 2ml + Spray Pump in snap-on version + UV coated PP overcap  
**PB-02M1** UV coated PP bottle 2ml + Spray Pump in snap-on version + UV coated PP overcap with Jewels  
**PB-02B** PP bottle 2ml + Spray Pump in snap-on version + PP overcap with a stainless steel key ring  
**PB-02BMM** UV coated PP bottle 2ml + Spray Pump in snap-on version + UV coated PP overcap with a key ring  
**PB-02E** PCTA bottle 2ml + Spray Pump in snap-on version + PP overcap  
**PB-02A** PP bottle 2.5ml + Spray Pump in snap-on version without PP overcap dosage: 0.035ml  
**PB-02C** PP square bottle 2ml + Spray Pump in snap-on version with PP square overcap dosage: 0.035ml





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- PB-04** PP bottles + Spray Pump in screw version 14/410+ PP overcap dosage: 0.035ml 4ml, 5ml
- PB-05** PP bottle 5ml + Spray Pump in screw version 11/410 ribbed+ PP overcap dosage: 0.05ml
- PB-05C** PP bottle 5ml + Spray Pump in snap-on version dia.12mm + PP overcap dosage: 0.12ml
- PB-06C** PET bottle 6ml + Spray Pump in snap-on version + PP overcap dosage: 0.12ml
- PB-07** PP bottle 7ml + Spray Pump in screw version 14/415 + PP overcap dosage: 0.12ml
- PB-07C** PP bottle 7ml + Spray Pump in snap-on version + PP overcap dosage: 0.05ml
- PB-10/10A** PP bottles + Spray Pump in screw version 14/410+ PP dustcap dosage: 0.12ml 8ml,10ml



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### Pen Atomizers

- Clear glass tube and frosted glass tube are available
- PA-01** Glass Tube 10ml with **FMA-02**(metal sheathed closure/actuator) in screw version 12/415 dosage:0.035ml,glass tube-10ml and electro-plated plastic cap.
- PA-02** Glass Tube 8ml with **FMA-02**(metal sheathed closure/actuator) in snap-on version dia.11mm dosage:0.035ml,glass tube-8ml and plastic cap.
- PA-02** Glass Tube 8ml with **FMA-01**(all plastic) in snap-on version dia.11mm dosage:0.035ml,glass tube-8ml and plastic cap.
- PA-03** PP Plastic Tube 8ml,10ml with Clip-Cap and **FMA-01** 14/410 dosage:0.12ml
- PA-03C** PP Plastic Tube 8ml with Clip-Cap and **FMB-09** 15mm dosage:0.12ml
- PB-01TC** Plastic PET bottles + Spray Pump snap-on version + PP clip cap dosage: 0.075ml 8.5ml, 10ml

## Caps for



## Perfume Samplers and Glass Tubes with Spray Pumps

For the glass tubes with spray pumps, we can produce them for different capacities and necks as per your requirements.

Perfume Samplers with Plastic Sticks **PA-06** with a hook and **PA-06A** without a hook Glass Tubes: 1.0ml, 1.5ml, 2ml, 4ml

**PA-05** Glass Tube 4ml, 5ml with PP dustcap with **FMA-01** 12/410

**PA-04** Glass Tube 4ml, 5ml with PP dustcap with **FMA-02** 12/410

(metal sheathed closure+actuator) **GTC**(glass tubes in crimp-on necks),

**GT**(glass tubes in screw-on necks) amber, clear and frosted glass tubes indifferent capacities from 8ml, 10ml, 15ml, 20ml, 30ml, ... with different pumps



Amber, Blue, Green Glass bottles with Caps, Spray Pumps, Droppers

- the amber, blue, green glass bottles with different capacities and necks (crimp-on and screw-on versions) for your options

- **GBC-NS** (with metal ferrules) and **GBC-NSC** (with plastic ferrules) amber glass bottles neck: in crimp-on with nasal sprayers

- "**GB-NS**" amber, blue, green glass bottles neck: DIN18 with nasal sprayers in tamper evident closure 18/410

- "**GB-FMATE**" amber, blue, green glass bottles neck: DIN18 with fine mist sprayers in tamper evident closure 18/410



## The droppers with the amber glass bottles

- **DR18TE** 18/410 in tamper evident closure
- **DR01R** in regular closures
- **DRCR** 18/400,20/400 in **CR** closures



- the droppers **DR18TE** in tamper evident closure for **DIN18**
- the dropper **DR18TE** with amber glass bottle 5ml
- the dropper **DR18TE** with amber glass bottle 10ml
- the dropper **DR18TE** with amber glass bottle 15ml
- the dropper **DR18TE** with amber glass bottle 20ml
- the dropper **DR18TE** with amber glass bottle 30ml
- the dropper **DR18TE** with amber glass bottle 50ml
- the dropper **DR18TE** with amber glass bottle 100ml
- the droppers **DRCR** with amber glass bottle 60ml
- these droppers **DRCR** 18/400,20/400 with child-resistant closures are available for your options.

- the amber,blue,green glass bottles with different capacities and neck: in screw-on versions for your options
- **GB-C** the glass bottles with plastic extra caps+PE liners
- **GB-DR,GB-DR2** the glass bottles with plastic droppers
- **DR-01** and metal sheathed droppers **DR-02**
- **GB-DRTE** the glass bottles with plastic droppers
- **DR01-18TE** in tamper evident closure 18/410
- **GB-PHTE** the glass bottles with tube(oral) sprayers
- **PH04/06/09/10-18TE** in tamper evident closure 18/410



Combinations for Tube Sprayers,Spray Pumps,Airless pumps

- PT01** The PE bottle 30ml Neck:18/415 + tube spray pump dosage:0.12ml + PP overcap
- PT02** The PE bottle 25ml Neck:18/415 + tube spray pump dosage:0.12ml + PS overcap
- PT03** The PE bottle 50ml,60ml Neck:18/415 + tube spray pump dosage:0.12ml + PP overcap
- PT04** The PE bottle 50ml Neck:18/415 + tube spray pump dosage:0.12ml + PS overcap
- PT05** The PP bottle 30ml Neck:17/415 + fine mist spray pump dosage:0.12ml + PS overcap
- PC30/PC30A** 30ml Airless Cream Bottle in snap-on
- PP bottle:30ml+Airless cream pump dia.46mm+PP overcap(the dimension:dia.49mm X height 88mm)
- PC50/PC50A** 50ml Airless Cream Bottle in snap-on (the dimension:dia.49mm X height 96mm)
- PC100/PC100A** 100ml Airless Cream Bottle in snap-on with PP overcap(the dimension:dia.49mm X height 130mm)
- PC150/PC150A** 150ml Airless Cream Bottle in snap-on with PP overcap(the dimension:dia.49mm X height 161mm)
- PC30B** 30ml Airless Cream Bottle in snap-on with silicone spring with PP overcap
- PC50B** 50ml Airless Cream Bottle in snap-on with silicone spring with PP overcap
- PC100B** 100ml Airless Cream Bottle in snap-on with silicone spring with PP overcap
- PC150B** 150ml Airless Cream Bottle in snap-on with silicone spring with PP overcap





**PB-15** PET octagon bottles with flip top caps for hand sanitizers with PP flip top caps

- PET bottle 15ml+PP flip top cap 15/415
- PET bottle 20ml+PP flip top cap 15/415 (PB-15 20A) with the plastic bag
- PET bottle 30ml+PP flip top cap 18/415
- PET bottle 60ml+PP flip top cap 20/410
- **PB-15D** PET tower shaped bottle 30ml neck:15/415 + PP flip top cap 15/415
- **PB-15DA** PET tower shaped bottle 30ml neck:15/415 + PP flip top cap 15/415 with multi colored silicone sling
- **PB-15DB** PET tower shaped bottle 30ml neck:15/415 + PP flip top cap 15/415 with glittering colored silicone sling
- **PB-15DC** PET tower shaped bottle 30ml neck:15/415 + PP flip top cap 15/415 with single colored silicone sling
- **PB15A** PE cone bottle 65ml Neck:22/400 with PP flip top cap in double-wall  
dimension: width 48mmXthickness37mmXtotal height 100.4mm
- **PB15B** PE cone bottle 60ml Neck:20/410 with PP flip top cap  
dimension: width 42mmXthickness34mmXtotal height 106mm
- **PB15BC** PE cone bottle 60ml Neck:20/410 with PP flip top cap+the carabiners
- **PB15BP** PVC cone bottle 60ml Neck:20/410 with PP flip top cap



PB-16 15ml PB-17 25ml PB-18 30ml PB-19 40ml PB-19A 40ml PB-19B 40ml PB-20 50ml



PB-21 60ml PB-21A 60ml PB-21B 60ml PB-22 65ml PB-23 70ml PB-23A 70ml PB-23B 70ml PB-24 80ml PB-24A 80ml PB-25 90ml



**HDPE bottles with Plastic Overcaps**

(DB-02 private moulds just for references)



**PET bottles with plastic overcaps**

(PB-55 private moulds just for references)





### Plastic and Metal Jars

- PJ: PP and PET jars
- AJ: Acrylic jars
- MJ: Metal sheathed jars





- Model No. **LB-01** (mini push up) with PP bottom plug, PP barrel and PP cap 3.15grs.  
Size: dia.17.3mm X height 33.3mm
- Model No. **LB-01B** (PP bottle+PP cap) 1.5grs.  
Size: dia.16mm X height 27.2mm Total height:35mm
- Model No. **LB-02** (PP bottle+PP cap) 4.5grs.  
Size: dia.15.6mm X height 67mm
- Model No. **LB-02C** (PP bottle+PP clip cap) 4.5grs.  
Size: dia.15.6mm X height 84mm
- Model No. **LB-02F** (PP bottle+PP flip top cap) 4.5grs.  
Size: dia.15.6mm X height 69mm
- Model No. **LB-08F** (PP bottle+PP jar 2.5grs. with Flip top cap container) 11grs.  
Size: dia.22mm X height 69.4mm

- Model No. **LB-07** (slim PP bottle+ PP cap) 2grs.  
Size: dia.11.7mm X height 81mm
- Model No. **LB-FM** (double-end bottles for lip balm stick 3grs. and spray pump 3ml (dosage:0.05ml) with PP dustcaps  
Size: dia.16mm X height 88.2mm
- Model No. **LB-06** (PP bottle+PP long cap) 3.69grs.  
Size: dia.19.2mm X height 69mm
- Model No. **LB-06A** (PP bottle+PS long cap) 3.69grs.  
Size: dia.19.2mm X height 69mm
- Model No. **LB-06AU** (UV coated PP bottle+PS long cap) 3.69grs.  
Size: dia.19.2mm X height 69mm
- Model No. **LB-06B** (PP bottle+PS long cap+EVA rubberized bulb base) 3.69grs.  
Size: dia.23.9mm-19.2mm X height 74mm
- Model No. **LB-06BU** (UV coated PP bottle+PS long cap+EVA rubberized bulb base) 3.69grs.  
Size: dia.23.9mm-19.2mm X height 74mm
- Model No. **LB-04** (PP bottle+PP cap) 14grs.  
Size: dia.23.2mm X height 94.4mm
- Model No. **LB-04L** (PP bottle+PP cap) 20grs.  
Size: dia.23.2mm X height 87.4mm Total height:97.4mm





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- Model No. **LB-11** (PP oval bottle+PP cap) 5.0grs.  
 Size: width 20mmXthickness 12.8mmXheight 67.3mm  
 - Model No. **LB-12** (PP Euro round bottle+K-resin cap) 5.0grs.  
 Size: dia.19mmX height 67mm  
 - Model No. **LB-14** (PP double-wall bottle+PP cap and "collar"  
 turn mechanism at the top) 9.0grs.

- Model No. **LB-20** (round PP bottle+PP cap) 18grs.  
 Size: dia.31.5mm-26mm X height 74.5mm  
 - Model No. **LB-21** (bottom filled round PP bottle+PP  
 frosted cap+former+bottom plug) 35grs.  
 Size: dia.38.2mm-36mm X height 98.6mm  
 - Model No. **LBZ-23** (PP bottle+PP cap) 60grs.  
 Size: width 43mm-41mm X height 100.6mm  
 Total height: 128mm



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- Model No. **LB-05** (oval PP bottle+PP cap) 14grs.  
Size: width 38mmX thickness 18.5mmX height 76mm
  - Model No. **LB-05D** (oval PP bottle+PP cap) 18grs  
Size: width 38mmX thickness 18.5mmX height 76mm
  - Model No. **LB-05C** (oval PP bottle+PP wave cap) 14grs.  
and 18.5grs  
Size: width 38mmX thickness 18.5mmX height 76mm
  - Model No. **LB-05A** (oval PP bottle+PP form+PP cap)  
bottom filled 14grs.  
Size: width 38mmX thickness 20mmX height 76mm
  - Model No. **LB-05B** (oval PP bottle+PP form+PP cap)  
bottom filled 42grs.  
Size: width 53mmX thickness 27.3mmX height 108mm
- Please note: **LB-05C**, **LB-05A** and **LB-5B** are specially  
manufactured for one of our customers, not for sales,  
just for your references.



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- **GR01, GR02, GR03, GR04** Glass round bottles 8ml and 10ml Balls'  
dia.9.8mm Neck:16/415
- glass bottle 8ml dia.19.6Xheight 69.5mm, total height with the  
cap 85.5mm
- glass bottle 10ml dia.20Xheight 71.5mm, total height with the  
cap 87mm
- **GR01** with glass balls - **GR02** with plastic balls - **GR03** with stainless  
steel balls
- **GR01M/GR02M** clear glass bottles with plastic/glass balls + metal  
sheathed cap
- **GR01M/GR02M** frosted glass bottles 8ml/10ml with plastic/glass  
balls + metal sheathed cap
- **GR03M** frosted glass bottles 8ml/10ml with with stainless steel  
balls + metal sheathed cap
- **GR04** clear glass bottles 8ml/10ml with plastic/glass balls + plastic caps
- **PR01** PP bottle 8ml with glass or plastic ball + PP cap  
(the dimension: dia.18mm X height 86mm)



## Droppers

### Roll On Balls



Glass Pipettes: can be made as per your requirements  
 Glass Pipettes' heads: in "01","02","03","04","05" for your options

### Glass Pipettes



### PP Pipettes

Net length of PP pipettes: 51mm,55mm,59mm,61mm,65mm and 70mm,75.6mm and 76.5mm  
 - "01", "02", and "07" without embossed graduation, that can be printed;  
 - "06" with embossed graduation: - 1.00ml, - 0.75ml, - 0.50ml, - 0.25ml;  
 - the PP pipettes "03"-55mm, "04"-65mm, and "05"-70mm with embossed graduation: - 1.0ml, - 0.6ml, - 0.5ml,  
 - 0.3ml are limited to be fitted to the droppers DR01VA 18/400,20/400,24/400 with PVC teat PVT02  
 - the PP pipette with embossed graduation "08": - 2.0ml, - 1.5ml, - 1.0ml, - 0.5ml is limited to the droppers  
 without closures DR-06 with PVC teats "PVT03" and "PVT01"

### PP Pipettes



Bulbs: Nitrile, Silicon rubber and PVC



Droppers' closures: 15/425,18/400,18/410,18/415,20/400,20/410,22/400,24/400

**DR01** Plastic closures with rubber or PVC bulbs.

**DR01-18TE** 18/410 in tamper evident closure

**DR01CR** 20/400 in child-resistant closure

**DPC01/DPC02**+DP01 tamper evident caps+drops



### Droppers without closures Dr06 Series



**DR06:** the droppers without closures to be fitted with PP pipettes or glass pipettes

**DR02, DR03** Metal sheathed (**DR02RC** 20/400, 20/410 with PS overcap)  
**DR-04** Metal sheathed closures and bulb 18/415  
**BR-01** Black phenolic cap ribbed+natural stem and black brush tip Closures: 18/410, 20/400, 22/400



**Glass bottles with droppers**



**Glass tubes with droppers**



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### Disc Top Caps

- DC-01 all plastic 18/415
- DC-01M metal sheathed 20/410
- DC-02 all plastic 20/410
- DC-02M metal sheathed 20/410
- DC-02E all plastic with a ring 20/410
- DC-03 all plastic 24/415
- DC-03M metal sheathed 24/415

- DC-03E all plastic with a ring 20/415
- DC-04 all plastic smooth 24/410
- DC-04R all plastic ribbed 24/410
- DC-04M metal sheathed 24/410
- DC-04P UV coated 24/410
- DC-04E all plastic with a ring 24/410
- DC-04S with screwed metal 24/410
- DC-05 all plastic 24/415

- DC-05M metal sheathed 24/415
- DC-05E all plastic with a ring 24/415
- DC-05T Taper Disc Cap 24/415
- DC-06 all plastic 28/410
- DC-06M metal sheathed 28/410
- DDC01, DDC01A, DDC02, DDC02A, DDC03, DDC03A, DDC04 are all in double-wall closures.



- the flip top cap **FCBA02** 15/415 smooth
- the flip top cap **FC03B** 18/410 smooth
- the flip top cap **FC04** 20/410 smooth
- the flip top cap **FC04C** 20/410 smooth
- the flip top cap **FCB03** 18/415 smooth
- the flip top cap **FCB04** 20/410 ribbed
- the flip top cap **FCB04A** 20/410 ribbed

- the flip top cap **FCB04B** 20/410 ribbed
- the flip top cap **FC05** 24/408 smooth
- the flip top cap **FC05A** 24/410 smooth
- the flip top cap **FCB05A** 24/410 smooth
- the flip top cap **FCB05B** 24/410 ribbed
- the flip top cap **FCB05C** 24/410 smooth
- the flip top cap **FCB05D** 24/415 smooth
- the flip top cap **FC05** 24/408 smooth
- the flip top cap **FCB05** 24/410 smooth
- the flip top cap **FCB05B** 24/410 ribbed
- the flip top cap **FCB05D** 24/415 smooth



- the flip top cap **FCB05F** 24/415 smooth
- the flip top cap **FCB05G** 24/415 smooth mushroom shape
- the flip top cap **FCB-24** 24/400 smooth T-shape
- the flip top cap **FCB-28** 28/410 smooth T-shape
- the flip top cap **FCB38** 38/400 ribbed with a silicone vein
- the flip top cap **FCB06** 28/410 ribbed matte finish
- the flip top cap **FCB06** 28/410 smooth
- the flip top cap **FCB06A** 28/415 smooth
- the flip top cap **FCB07** 32/400 ribbed
- the flip top cap **FCB07** 32/400 smooth





- the flip top cap **DFC01** snap neck: 22mm in round shape
- the flip top cap **DFC01A** in round shape snap neck:31mm
- the flip top cap **DFC02** in oval shape snap neck:15.6mm
- the flip top cap **DFC03** in round shape neck:22/400
- the flip top cap **DFC04** in oval shape snap neck:23mm
- the flip top cap **DFC07** in oval shape neck:24mm
- the special flip top cap **DFC05** dia.23mm
- the special flip top cap **DFC05A** dia.23mm
- the buttoned flip top cap **DFC06** dia.21mm
- the flip top cap **FC-08** 38/400 flower shaped



- the flip top cap **FCBT20** neck:20/410
- the flip top cap **FCBT28** neck:28/410
- the flip top cap **FCBT28A** neck:28/410
- the flip top cap **FC007** oval 15mm used to the special combination spray unit



## Plastic Caps

### a. the dispensing caps

- **DSC01** 18/410 ribbed,
- DSC02** 20/410 ribbed,
- DSC03** 24/410 ribbed.
- DSC04** 28/410 ribbed,
- DSCA03** 24/410 ribbed,
- the Pull Push caps
- PPC01** 28/410 ribbed
- the Turret caps
- DTC-02** 20/410 ribbed,
- DTC-03** 24/410 ribbed,
- DTC-04** 28/410 ribbed



### b. Child-resistant caps

The child-resistant caps(CRC)

- CRC-20** 20/400,
- CRCA-20** 20/400,
- CRC-24** 24/410,
- CRC-28** 28/410,
- CRC-32** 32/400,
- CRC-38** 38/400,
- CRC-43** 43/400



### c. the PP extra caps and tamper evident cap

- **C01** - 13/410, **C01A** - 13/425, **C01B** - 13/415, **C01C** - 15/425, **C01D** - 15/415, **C02A** - 17/415, **C02B** - 18/415 ribbed,
- C02C** - 18/415 smooth, **C03** - 20/410 ribbed, **C03A** - 20/410 smooth, **C04** - 24/410 ribbed, **C04A** - 24/410 smooth,
- C04C** - 24/414, **C04D** - 24/415 tapered, **C05** - 28/410 smooth, **C05A** - 28/410 ribbed, **TE01** - 18/410 tamper evident



## Aluminium Screwed Caps with PE liners



## Plastic Bottles

Different bottles can be produced as per your sample bottles or technical drawings  
All the bottles can be fitted with our spray pumps and caps



## PET bottles

Different PET preforms with different colors can be made as per your drawings

## Plastic Bottles

Different bottles can be produced as per your sample bottles or technical drawings  
All the bottles can be fitted with our spray pumps and caps

-A1 ~ A6 PET bullet bottles  
- B1 ~ B3 PET oval bottles



-C1 ~ C7 PET flat shoulder bottles  
- D1 ~ D4 PET round bottles  
E1 ~ E3 PET draft shoulder bottles



- F1 ~ F7 PET round drum bottles  
- G1 ~ G6 PET flat drum bottles





- H1 ~ H6 PET Boston round bottles  
- J1 ~ J4 PET ball bottles



- L1 ~ L7 PET oval and straight oval bottles  
- M1 ~ M2 PET flat bottles



## Plastic Bottles

Different bottles can be produced as per your sample bottles or technical drawings  
All the bottles can be fitted with our spray pumps and caps

## PET Bottles



**PE Bottles**



01 15ml 20/410  
 01A 15ml 17/415  
 02 25ml 16/415  
 02A 25ml 18/415  
 03 30ml 17/415  
 03A 30ml 17/415  
 04 40ml 20/410  
 05 35ml 17/415  
 06 40ml 17/415  
 06A 40ml 17/415  
 06B 40ml 20/410  
 07 50ml 17/415

**PE Bottles**



08 60ml 17/415  
 08A 60ml 18/415  
 08B 60ml 20/410  
 08C 60ml 24/410  
 08D 60ml 24/410  
 09 80ml 24/410  
 10 115ml 20/410  
 11 120ml 24/410  
 12 130ml 24/410  
 13 150ml 24/410

**PE Bottles**



14 140ml 17/415  
 15 170ml 24/410  
 16 180ml 24/410  
 17 200ml 24/410  
 18 210ml 24/410  
 19 260ml 24/410  
 20 473ml 27/415

## Aluminium Bottles:

- Different aluminium bottles capacities: 5ml ~ 120ml can be made.
- The regular diameters: 15mm, 19mm, 20mm, 22mm, 25mm, 28mm, 33mm, 35mm, and 40mm
- The necks: in crimp-on version and screw-on version.
- Hectograph, Silk Screen printing, Electro-plating and UV coating for surfaces of bottles with inner epoxy coating can be proceeded.
- Our different spray pumps(fine mist spray pumps in crimp-on and screw-on version, tube-oral spray pumps) can be supplied.
- Plastic and aluminium caps can be made as per your requests.





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30ml

AB30-PH04C

AB30-FM809-PH04

AB30-PH12C

80ml

AB80-FM806-PH04

AB80-FM805-PH04



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"A"-22

"A"-20

"C"-03

"A"-19

"C"-05

"C"-01

"C"-02

"T"-0.5

"T"-0.7

"T"-1.2

"N"-01

"N"-02

"N"-03

### The accessories for Syringes

- The accessories of the cap "C"-OS and the adaptors "A"-19(19mm), "A"-20(20mm), "A"-22(20mm) are used for OS series;
- The caps "C"-01, "C"-02 and "C"-03 are used for dental and cosmetic syringes;
- The stainless steel tubes "T"-0.5, "T"-0.7, "T"-1.2, ... Different diameters of the tubes are available for your options:  
The standard specification: 27G(the finest), 20G, 25G, 24G, 23G, 22G, 21G, 20G, 19G, 18G and 16G(the widest);
- The needles of "N"-01, "N"-02, and "N"-03  
The standard specification: 27G(the finest), 20G, 25G, 24G, 23G, 22G, 21G, 20G, 19G, and 18G(the widest)

### The oral syringes

- Oral syringe OS-5C 5ml with PP cap "C"-OS
- Oral syringe OS-5A 5ml with PP adaptor 19mm "A"-19 or 22mm "A"-22  
The individual sealed OPP bag for one pieces are available for your options.
- Oral syringe OS-10C 10ml with PP cap "C"-OS
- Oral syringe OS-10A 10ml with PP adaptor 19mm "A"-19 or 22mm "A"-22  
The individual sealed OPP bag for one pieces are available for your options.



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OS-5

OS-5C

OS-5A

OS-10

OS-10C

OS-10A



Pumps' Assembling works



Automatic aluminium bottle machines



Automatic printer for aluminium bottles



More than 500 plastic injection machines for production



Blowing machines



All spray pumps are tested by vacuum test machines by 100% during production



Our mould centre