



FAMACY GROUP

法玛施集团

Utek 友德國際股份有限公司

<http://www.utekinco.com.tw>

統編：12682542

☑ 總公司：台北市內湖區瑞湖街103號 6樓
TEL：02-2799-3339 FAX：02-2799-3331

☐ 台南市永康區小東路689-8號4樓之2
TEL：06-311-3636 FAX：06-511-6100

☐ 台中市西區市府路39號7樓之5

☐ 高雄市鼓山區華榮路250號8樓A室

TEL：04-2222-3998 FAX：04-2223-3998

TEL：07-555-5595 FAX：07-555-5591





Company Profile 企业简介

Famacy Group is one of the biggest pharmaceutical glass development, manufacturing and marketing company in China. Founded in 1988, Famacy Group possess three professional production sites located at ChangZhou, ChengDu and YaAn, including over 20,000 square meters of workshop and 1200 employees.

By taking control of 5 glass furnaces and over 250 production lines, Famacy Group has an annual production capacity of 2 billion glass vials, 3.5 billion Ampoules, 50 million cartridges, and 40,000 tons of pharmaceutical glass tubing.

Famacy Group has successfully passed ISO9001:2008 in 2009, and the registration of DMF by US FDA in 2016.

Product's Raw Materials: 产品的原材料

- 3.3 glass tubing 3.3玻璃管
- 5.0 glass tubing 5.0玻璃管

Glass Type: 玻璃材质类型

- USP type I 美国标准1类玻璃

By applying the ISO and FDA document control system, our product are widely used in pharmaceutical, ophthalmology, and cosmetic industry. Among them, we focus on packaging materials of antibiotics, vaccines, blood products bio-engineering products, Hydro-acupuncture products, lyophilization & powder injection solutions, etc.

We have built steady business relationship with over 100 excellent domestic pharmaceutical enterprises and in the recent years, our products are entering international markets very rapidly.

Famacy Group is looking forward to building stable business partnership with our clients all over the world.

法玛施集团是中国最大的医药玻璃开发、生产和销售公司之一。公司成立于1988年，拥有常州、成都、雅安三大专业生产基地，厂房面积20000多平方米，员工1200余人。

公司已拥有高标准的5座窑炉和250多条生产线，年生产能力20亿管制瓶、35亿安瓿瓶、5000万只卡式瓶、4万吨医用玻璃管。

公司于2009年通过ISO9001:2008国际质量体系认证，并于2016年通过美国FDA DMF认证。

在ISO和FDA的文件管理体系控制下，我们的产品被广泛应用于制药、眼科、化妆品等行业。其中以抗生素、疫苗、血液制品、生物工程制品、水针制品、冻干粉针剂等包装材料为主。

公司与国内100多家优秀制药企业建立了稳定的业务关系，近年来产品迅速进入国际市场。

法玛施集团期待与世界各地的客户建立稳定的业务伙伴关系。

Content

产品

01



Glass Ampoules 安瓿瓶

05



Glass Vial 管制瓶

07



Cartridge 卡式瓶

09



Pre-filled syringe 预灌封注射器

11



Cosmetic Ampoules 化妆品安瓿

13



Oral Solution Bottle 口服液瓶



Pharmaceutical Packaging Material series

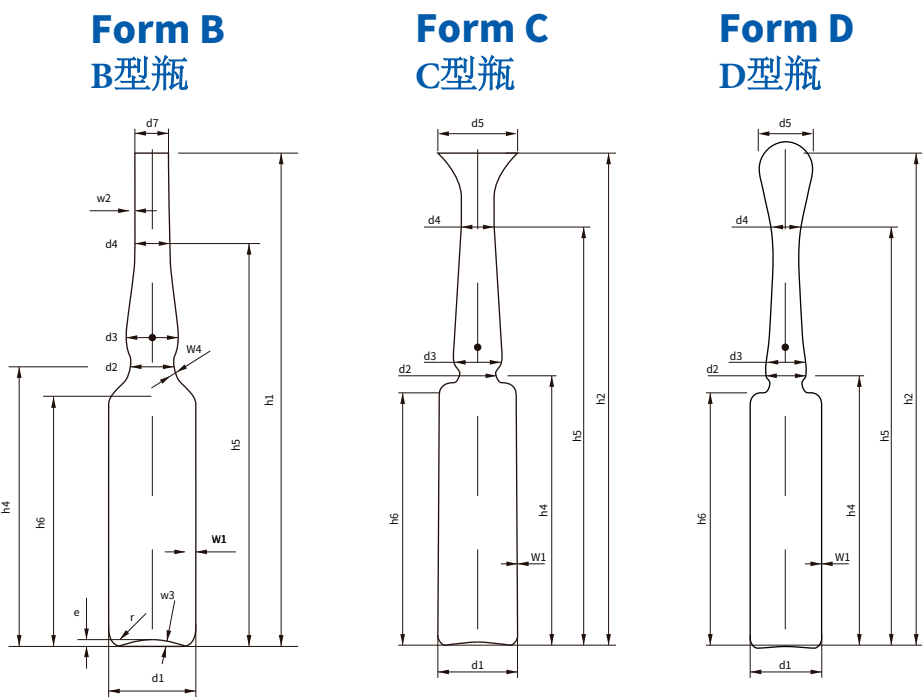
Glass Ampoules

医药包装材料系列

玻璃安瓿

- Type I glass.
 - Clear and amber glass ampoules.
 - Brimful capacities from 1 to 30ml.
 - ISO form B, C and D as well as customized special shapes.
 - OPC (One Point Cut), CBR (Color Break Ring) and SCR (Score Ring) with optimized opening forces.
 - Up to three colored coded identification rings or customized ceramic printing.
 - PP shrinkable film packaging.

- I类药用玻璃。
 - 透明和棕色玻璃安瓿。
 - 容量1 – 30ml。
 - ISO标准B、C、D型也可按客户要求定制。
 - 色点、更好的折断环和色环。
 - 最多可做三道色环或按客户要求定制。
 - PP盒热缩包装。



Ampoules specification (UNIT:mm) ISO 9187-1:2000 安瓿瓶的规格尺寸

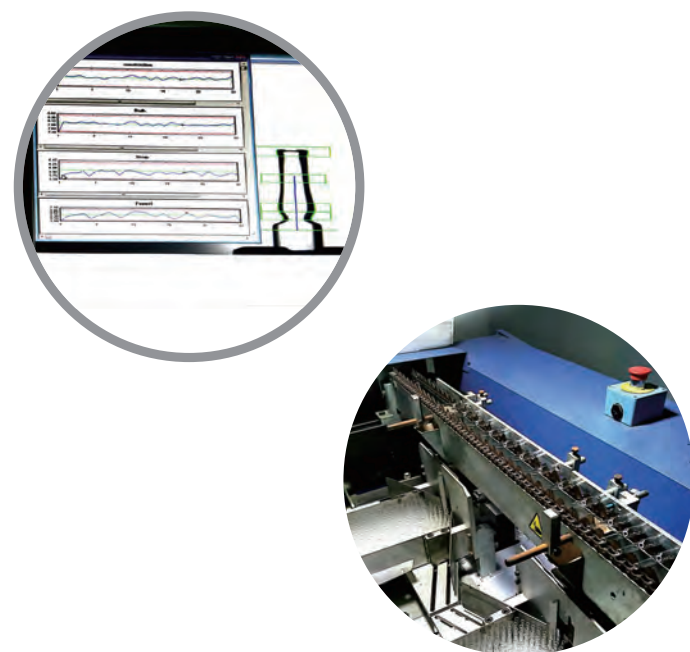
Size	Outer diameter									Total height	
	Boby OD		Constriction ID	Bulb ID		Stem		Funnel		B	C
	d1		d2	d3		d4		d5		h1	h2
		Tolerance	±0.5		Tolerance		Tolerance		Tolerance	±1.0	±1.0
1	10.75	±0.15	6.5	8.5	±0.5	6.0	±0.35	9.0	±0.8	60.0	67.0
2	10.75	±0.15	6.5	8.5	±0.5	6.0	±0.35	9.0	±0.8	72.0	79.0
3	12.75	±0.15	6.5	8.5	±0.5	6.0	±0.35	10.7	±0.8	75.0	82.0
5	14.75	±0.15	7.0	9.0	±0.5	7.0	±0.35	12.2	±1.0	83.0	90.0
10	17.75	±0.20	7.5	9.5	±0.5	7.1	±0.35	13.0	±1.0	102.0	109.0
20	22.50	±0.25	8.5	12.0	±1.0	7.8	±0.5	14.0	±1.0	113.0	120.0
25	22.50	±0.25	8.5	12.0	±1.0	7.8	±0.5	14.0	±1.0	128.0	135.0
30	22.50	±0.25	8.5	12.0	±1.0	7.8	±0.5	14.0	±1.0	143.0	150.0

Height			Bottom			Wall thickness							
Height up to constriction		Height up to ganging Point	Body height	Base radius	Concavity		Body thickness		Stem thickness	Bottom thickness	Constriction thickness		Eccentricity
h4		h5	h6	r	e		w1		w2	w3	w4		t
	Tolerance	±0.2	Min	±0.5		Tolerance		Tolerance	±0.05	Min		Tolerance	
25.5	±0.50	47.0	21.0	1.0	1.0	±0.5	0.5	±0.03	0.37	0.3	0.7	±0.1	0.6
37.5	±0.50	57.0	33.0	1.0			0.5	±0.03	0.37	0.3			0.6
39.5	±0.50	62.0	35.0	1.5			0.5	±0.03	0.37	0.3			0.8
46.5	±0.50	68.0	41.0	1.5			0.55	±0.03	0.4	0.4	0.7	±0.15	1.0
62.0	±1.0	87.0	55.0	2.0	1.25	±0.75	0.6	±0.04	0.47	0.4	0.8	±0.15	1.0
76.0	±1.0	100.0	65.0	2.5	1.5	±1.0	0.7	±0.04	0.5	0.5	1.0	±0.2	1.2
91.0	±1.0	115.0	80.0	2.5			0.7	±0.04	0.5	0.5			1.2
106.0	±1.0	130.0	95.0	2.5			0.7	±0.04	0.5	0.5			1.2

Neutral Borosilicate中性硼硅 Glass Ampoules (USP TYPE I) 玻璃安瓿 (USP 1类玻璃)



Camera Inspection 相机检测



High Professional

高专业

High Efficient

高效率

High Quality

高质量

European Automatic Production Line

欧洲进口自动生产线



Pharmaceutical Packaging Material series 医药包材系列

Neutral Borosilicate 中性硼硅

Glass Vial (USP type I) 管制瓶(USP I类玻璃)

I Lyophilized vial 冻干瓶



II Insulin vial 胰岛素瓶



III Injection vial 注射剂瓶



IV Coated vials 硅化镀膜瓶



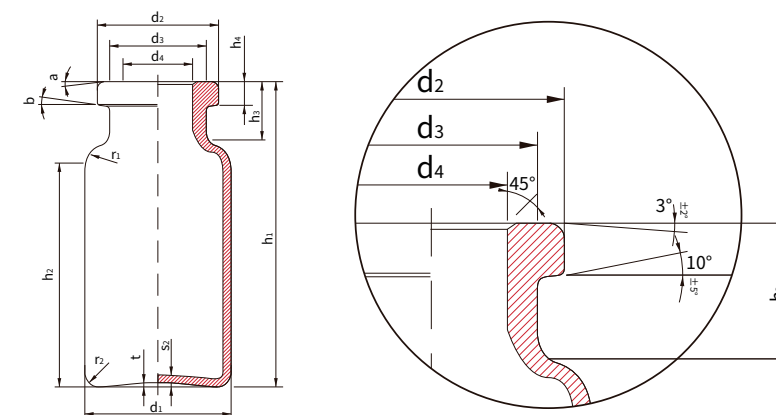
已内硅化

Treated

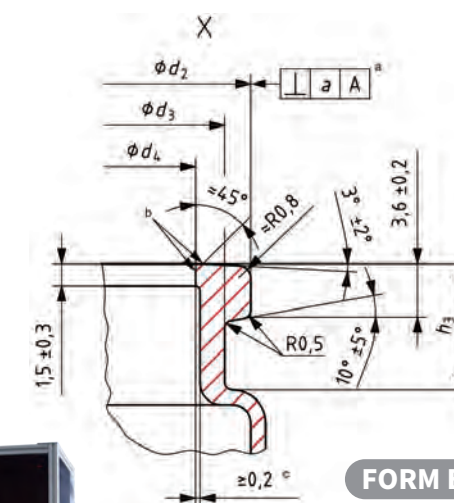


未内硅化

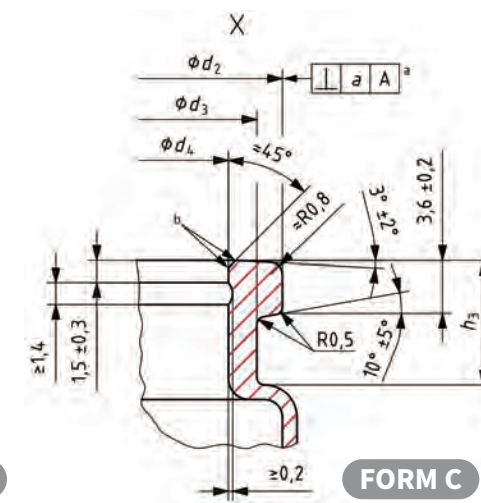
Normal Glass



FORM A



FORM B



FORM C



FMC
Camera Inspection
相机检测

Vials Specification (UNIT:mm) ISO 8362-1 管制瓶尺寸规格

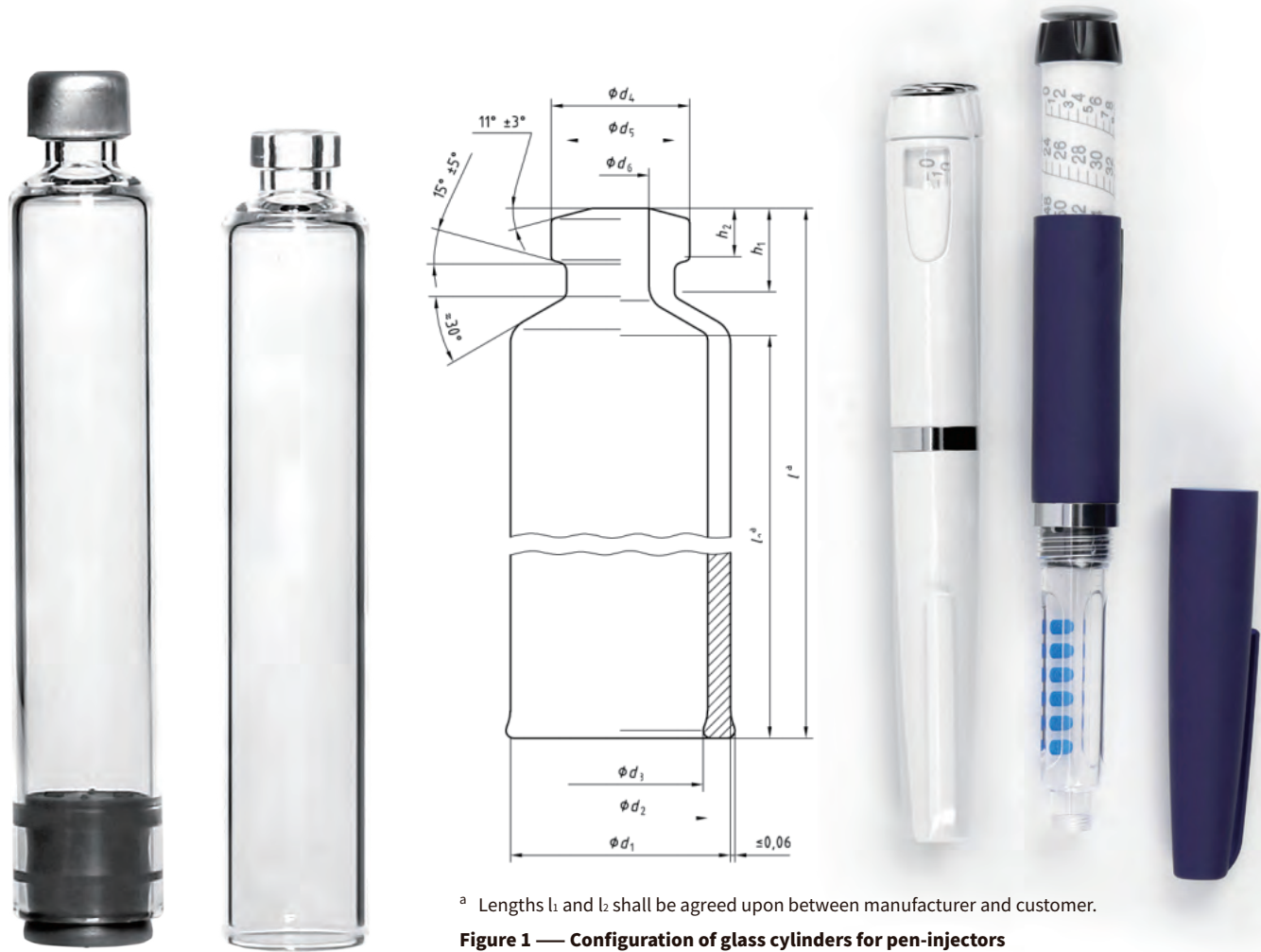
Size	Full volume		a	d1	Tolerance	d2	d3	d4	h1	Tolerance	h2	h3	Tolerance	r1	r2	s1	s2	Min	Max	t	wei- ght g
2R	4.0	±0.5	1.0	16.0	±0.15	13.0	10.5	7.0	35.0		22.0	8.0		2.5	1.5			0.6			5.0
4R	6.0	±0.5	1.0	16.0					45.0		32.0										6.1
6R	10.0	±0.5	1.2	22.0					40.0		26.0	8.5	±0.5	3.5		1.0	±0.04				8.3
8R	11.5	±0.5	1.2	22.0	±0.2		16.5		45.0	±0.5	31.0				2.0					0.7	9.4
10R	13.5	±1.0	1.2	24.0					45.0		30.0	9.0		4.0							10.2
15R	19.0	±1.0	1.2	24.0		20.0		12.6	60.0		45.0						0.7				12.8
20R	26.0	±1.5	1.5	30.0					55.0		35.0										17.4
25R	32.5	±1.5	1.5	30.0	±0.25		17.5		65.0	±0.7	45.0	10.0	±0.75	5.5	2.5	1.2	±0.05		1.0		20.0
30R	37.5	±1.5	1.5	30.0					75.0		55.0										22.7

Pharmaceutical Packaging Material series

I Cartridges & Injector, ISO 13926-1

I类卡式瓶&注射笔

医药包材系列



^a Lengths l_1 and l_2 shall be agreed upon between manufacturer and customer.

Figure 1 — Configuration of glass cylinders for pen-injectors

L1和L2的长度可以按客户需求定制。
图1 可以配套注射笔使用

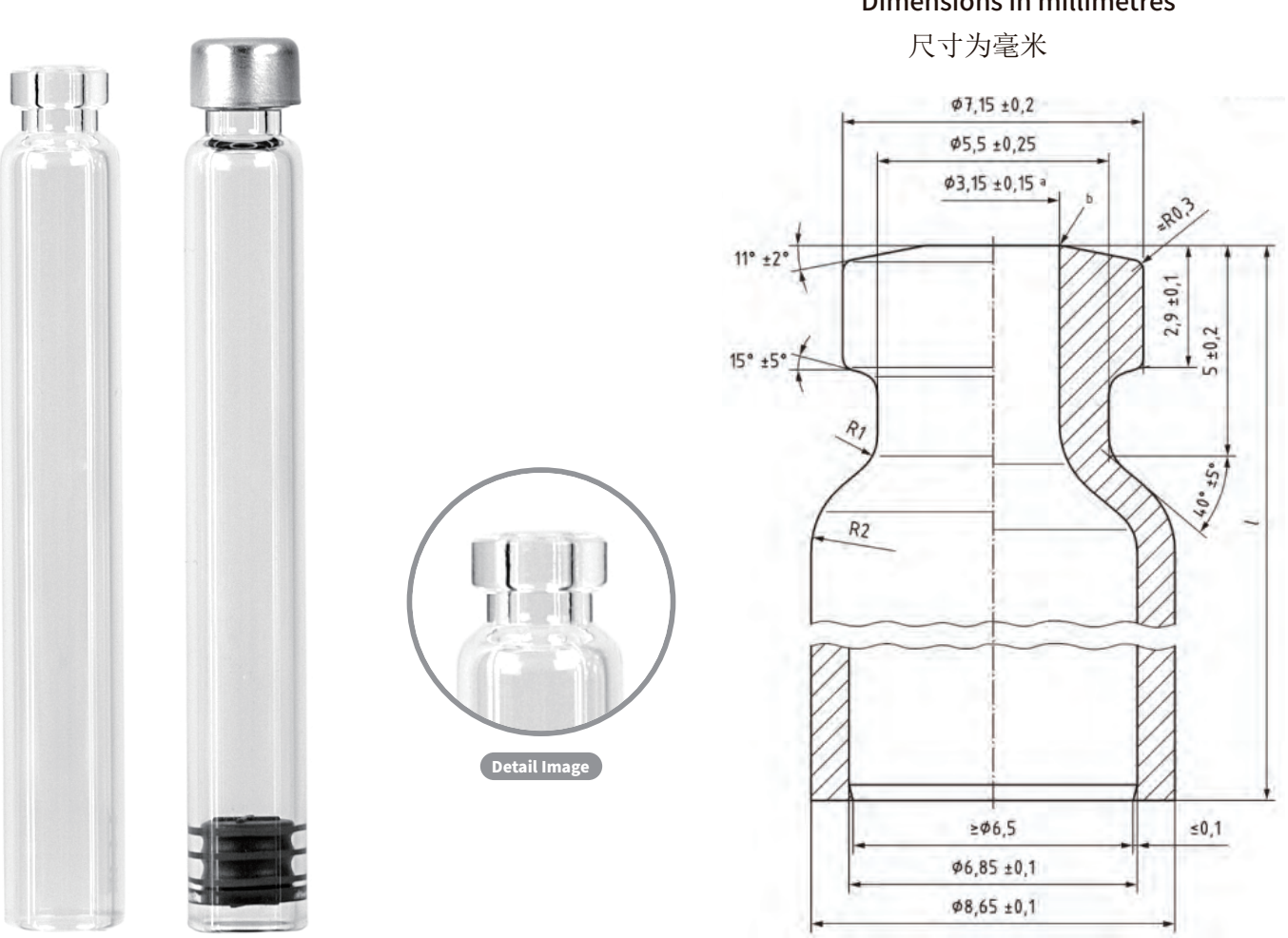
Cartridge Specification

卡式瓶的规格尺寸

(UNIT:mm)
单位: 毫米

d1	tol.	d2	tol.	d3	d4	tol.	d5	tol.	d6	tol.	h1	tol.	h2	tol.
	±		±	min.		±		±		±		±		±
8.65	0.1	6.85	0.1	6.55	7.15	0.2	5.5	0.35	3.15	0.2	5.0	0.20	2.9	0.1
10.85	0.1	8.65	0.1	8.35	7.15	0.2	5.5	0.35	3.15	0.2	5.0	0.20	2.9	0.1
10.95	0.15	9.25	0.1	8.95	7.15	0.2	5.5	0.35	3.15	0.2	5.0	0.20	2.9	0.1
11.60	0.15	9.65	0.1	9.35	7.15	0.2	5.5	0.35	3.15	0.2	5.0	0.20	2.9	0.1
14.00	0.15	12.00	0.15	11.65	9.5	0.2	7.6	0.35	4.5	0.2	5.0	0.50	2.9	0.15
14.45	0.15	11.85	0.15	11.50	9.5	0.2	7.6	0.35	4.5	0.2	5.0	0.50	2.9	0.15
18.25	0.15	16.05	0.15	15.50	9.5	0.2	7.6	0.35	4.5	0.2	5.0	0.50	2.9	0.15

II Cartridges, ISO 11040-1 卡式瓶



Technical Data for Cartridge 1.8ml 1.8毫升的卡式瓶尺寸			
Explanations		Average(mm)	Tolerance
Diameter 直径	Body 瓶身外径	8.65	±0.1
	Inside body 瓶身内径	6.85	±0.1
	Cylinder entrance 筒入口	≥6.5	
	Mouth 瓶口外径	7.15	±0.2
	Inside mouth 瓶口内径	3.15	±0.15
	Neck 颈	5.5	0.25
Height 高度	Overall 瓶全高	62	±0.3
	Lip 瓶口高	2.9	±0.1
	Lower end neck to top 颈最下端至顶部	5	±0.2

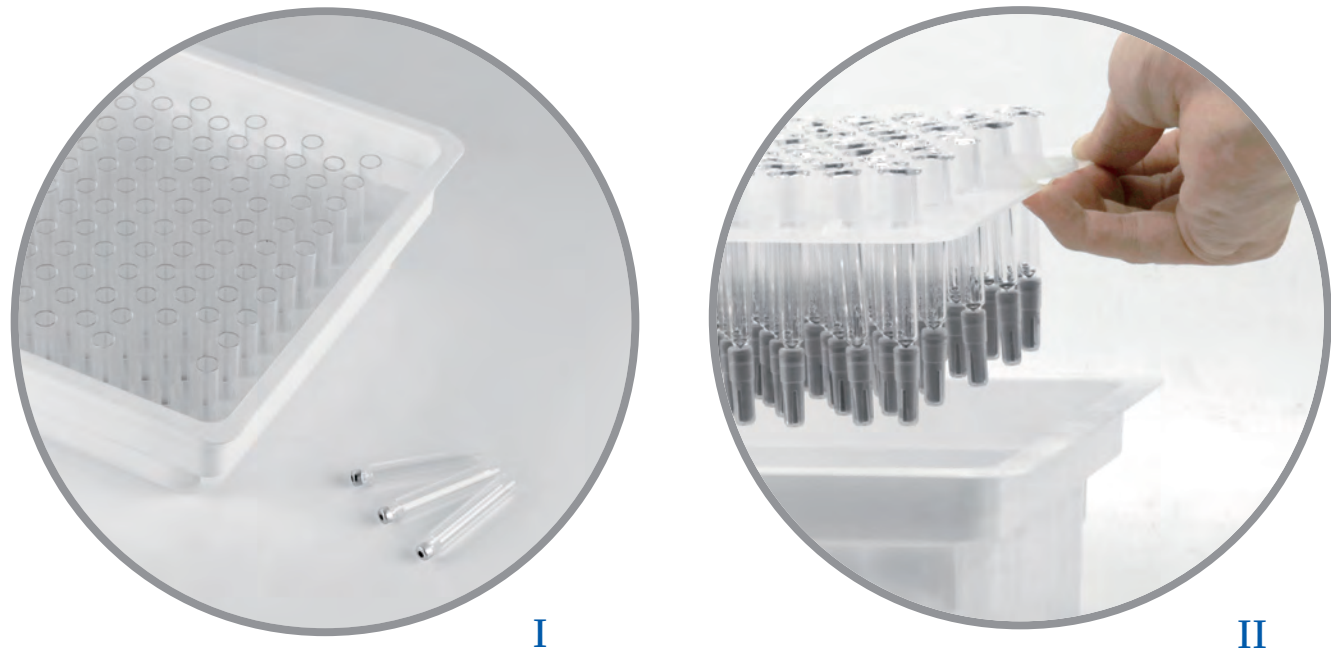
Pharmaceutical Packaging Material series 医药包材系列

Pre-filled syringe 预灌封注射器



Nest sterilized package for prefilled syringes, cartridges and vials

无菌包装的预灌封注射器，卡式瓶和西林瓶



Cosmetic Ampoules 化妆品安瓿

Printing Ampoules 印字安瓿



Plastic Ampoules 塑料安瓿



Colorized Ampoules 彩色安瓿瓶



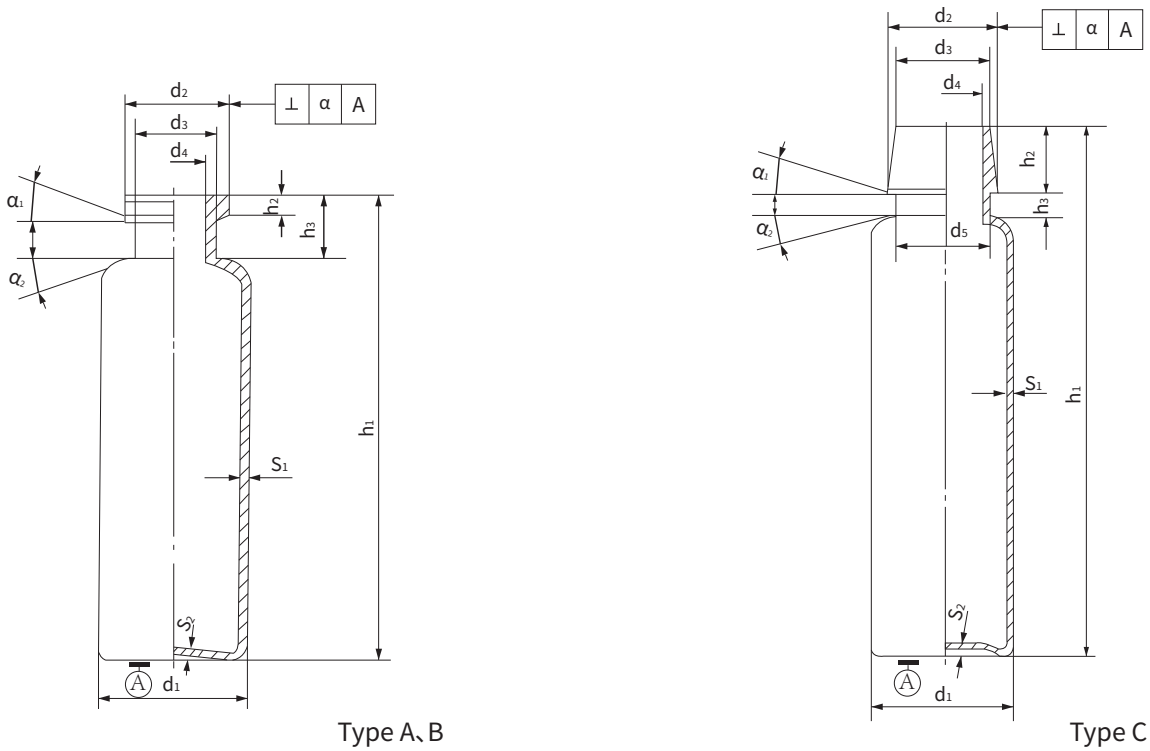
Two tips Ampoules 小红针



Vials 管制瓶



Oral Solution bottle 口服液瓶



Type A、B Size List (UNIT:mm)

A、B型瓶的尺寸表（单位：毫米）

Type		A			B			
Model (ml)		10	12	20	10	12	15	20
Vertical Axis Deviation a_{max}		1.5	2.0		1.5	2.0		
Body OD d_1	Size	18.40		22.00	18.00	18.40	21.00	22.00
	Tolerance	±0.35						
OD of Mouth d_2	Size	13.00	11.00	15.40	15.10	13.50	17.90	16.00
	Tolerance	±0.20			±0.25			
ID of Mouth d_4	Size	7.70	7.00	12.50	9.90	10.00	11.70	12.50
	Tolerance	±0.30						
Total Height h_1	Size	61.50	70.00	83.00	68.00	70.00	72.50	83.00
	Tolerance	±0.40		±0.60	±0.40		±0.60	
Mouth Height h_2	Size	2.70		3.00	4.20	5.70	4.20	7.30
	Tolerance	±0.20						
Bottom Thickness S_{2min}		°0.40		°0.45	°0.40		°0.45	
Wall Thickness S_{1min}		>0.70	>0.80	>0.95	>0.70	>0.80	>0.91	>0.95

Type C Size List (UNIT:mm)

C型瓶的尺寸表（单位：毫米）

Type		C				
Model (ml)		5	10	12	15	20
Vertical Axis Deviation a_{max}		1.2	2.0			
Body OD d_1	Size	18.00		18.40	21.00	22.50
	Tolerance	± 0.35				
OD of Lower Mouth d_2	Size	15.00			17.00	17.05
	Tolerance	± 0.30				
OD of Upper Mouth d_3	Size	14.10			16.20	16.25
	Tolerance	± 0.30				
ID of Mouth d_4	Size	10.70		9.50	10.70	12.30
	Tolerance	± 0.30				
Total Height h_1	Size	43.00	70.00	72.00	81.00	84.50
	Tolerance	± 0.40			± 0.60	
Mouth Height h_2	Size	8.70				
	Tolerance	± 0.25				
Bottom Thickness S_{2min}		$^{\circ}0.40$				$^{\circ}0.45$
Wall Thickness S_{1min}		>0.85			>0.90	>0.95

FORM A



FORM B



FORM C



■ Special design vial I 特殊定制的管制瓶I



■ Special design vial II 特殊定制的管制瓶II



■ Special design vial III 特殊定制的管制瓶III



PP Box &shrink wrap packaging PP盒热缩包装



Company Culture 企业文化

1
Customer always comes first
以客户为中心

2
We cherish hard working
以奋斗者为本

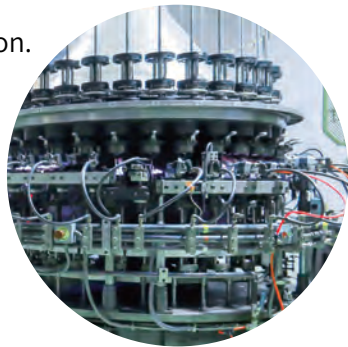
3
We devote into long term hard working
长期坚持艰苦奋斗

Famacy Group Orientation 法玛施集团宗旨

We provide the whole service of pharmaceutical glass project.

· Provide ampoules, vials, cosmetic packaging, cartridges and Pre-filled syringe so on.

我们致力服务于医药包材行业。
提供安瓿、管制瓶、化妆品包装、卡式瓶、预灌封注射器等。



诚招全球代理

**The global
recruitment of agency**

Welcome to join us
as our agents
(distributors)
or commission agents
from all over the world.

欢迎全球的代理和分销商
加入我们。

FAMACY GLASS

Sales Network 销售网络

We have built steady business relationship with more than 30 pharmaceutical companies, and export products to many countries such as **JAPAN, KOREA, TURKEY, RUSSIA, UZBEKISTAN, INDONESIA, INDIA, SOUTH AMERICA** and so on.

现公司与30多家医药企业建立了合作关系，如日本、韩国、土耳其、俄罗斯、乌兹别克斯坦、印度尼西亚、印度、南美等国家。

