

液体喷涂设备



综合产品目录

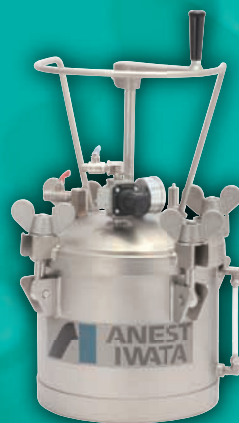
采用最先进的雾化技术，满足各种喷涂用途。

ANEST IWATA can meet a wide range of application needs with its state-of-the-art atomizing technology.

Liquid application equipment

丰富的液体喷涂专用喷枪、压力罐、供给泵、系统设备

A variety of specific spray gun, pressure tank pump and system equipment for liquid application.



阿耐思特岩田产业机械(上海)有限公司
ANEST IWATA (SHANGHAI) Corporation

液体喷涂设备、装置

Liquid application equipment and apparatus

用于各个领域的阿耐思特岩田专用喷枪及供给设备

ANEST IWATA special spray guns and supply equipment used for a wide range of applications

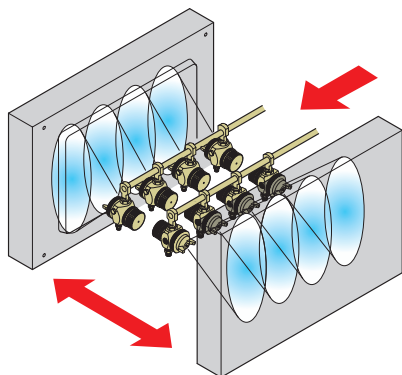
用于有效喷涂水、油、脱模剂、粘结剂、除臭剂、药液等液体的喷枪及供给设备。
还有各种事例以外的销售实绩。关于液体喷涂如有任何问题，请随时联系我们。
本公司尽力满足客户具体要求，可以定制喷枪，甚至提供含液体控制、供给的装置。

Special spray guns and supply equipment for coating water, oil, release agent, adhesive, deodorant and chemicals efficiently.
ANEST IWATA has extensive experience to provide services for a wide range of applications.
If you have any problems and questions about coating applications, feel free to contact us. We will provide you with the best solution.
We are always trying our best to meet specific requirements of customers.
We can customize spray guns and propose equipment or systems, including those which control and supply coatings.

使用示例 Applications

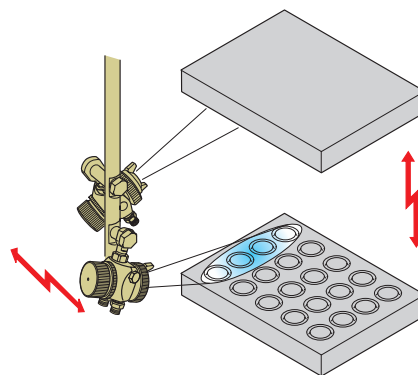
压铸机的脱模剂喷涂

Applying mold release on die-casting machines



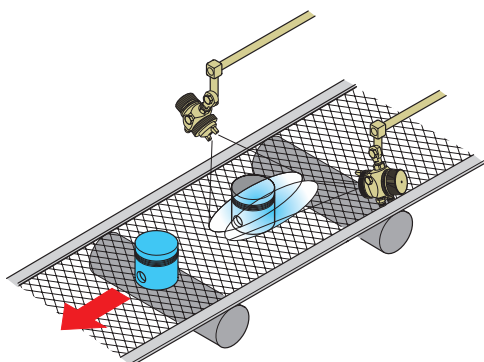
橡胶成型产品的脱模剂喷涂

Applying mold release on rubber mold items



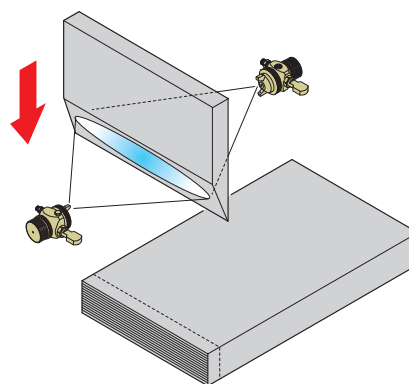
铸件冷却

Applying to cool cast items



对切割机刀具喷涂润滑剂

Applying lubricants on cutting tools of cutting machines



注意 Caution

- 液体溶解力强时可能无法使用，请与我们联系。

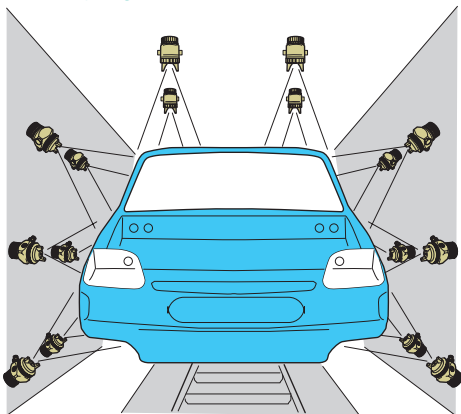
If you want to apply liquid with strong dissolving power, consult with us in advance. Products will not be used for certain kinds of solvents.

- 这些产品除去FOG、FOT(食液喷涂设备)外，请勿用于食品、药品等口服产品及喷枪的内部腐蚀会给人或动植物带来危害的喷涂。

Do not use products except model FOG and FOT (Coating equipment for liquid related to food) in this catalog for food and medicine, because interior corrosion of product could cause health problems.

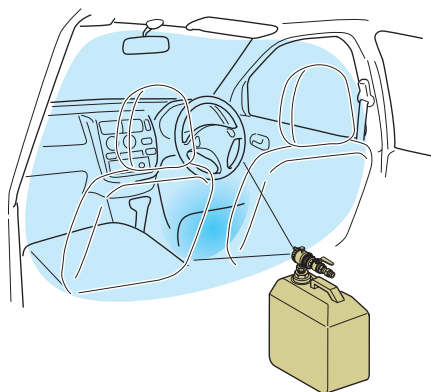
喷涂防溅射剂

Applying spatter-prevention liquid



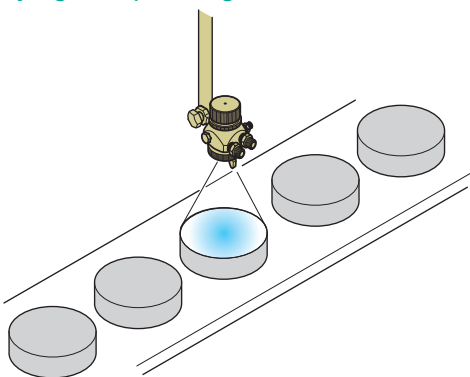
二手车车内喷涂除臭剂

Applying deodorant inside second-hand cars



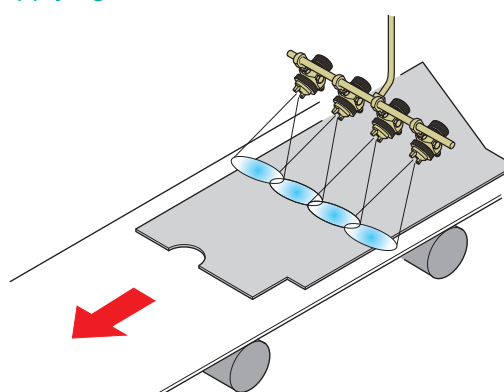
金属产品的防锈油喷涂

Applying rust-proofing oil on metallic items



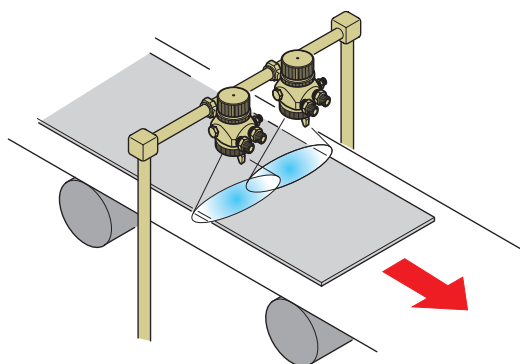
汽车内装零部件的粘结剂喷涂

Applying adhesive on interior automotive trim



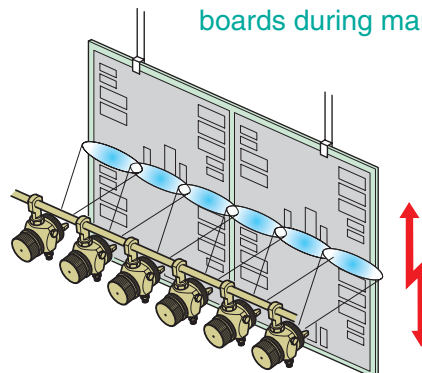
建材装配工序中喷涂粘结剂

Applying adhesive on building materials



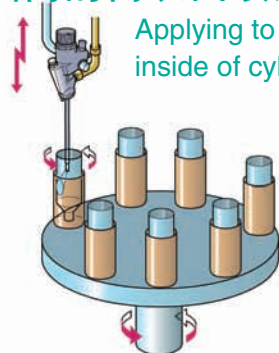
印刷电路板制造工序中喷涂抗蚀剂

Applying resist material to electrically insulate printed circuit boards during manufacturing



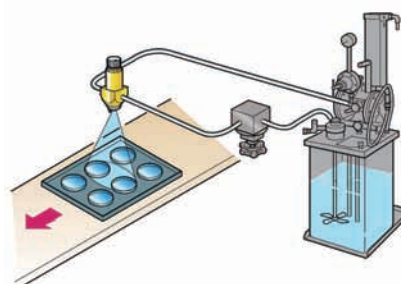
圆筒的内表面喷涂

Applying to inside of cylinders

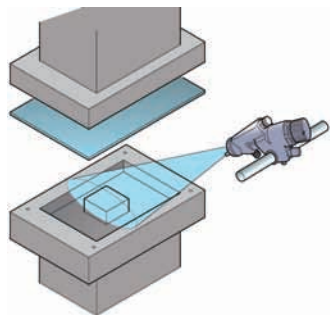


镜片的防划伤剂喷涂

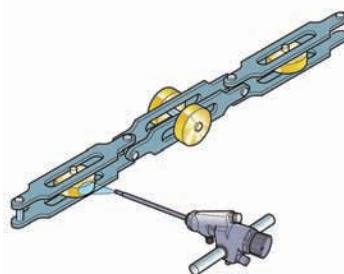
Applying scratch prevention agent on lenses



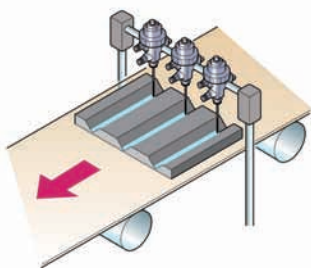
冲压成型时的供油 Spraying lubricant to press molding products



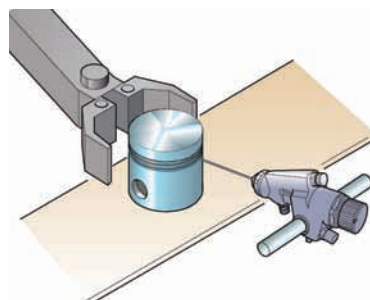
对传动链供油 Applying lubricant to driving chain



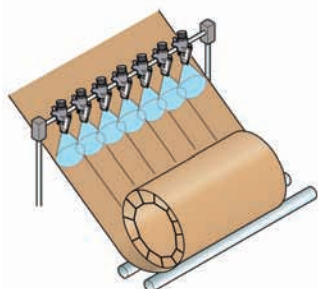
对V型槽喷涂粘结剂 Applying adhesive to V grooves



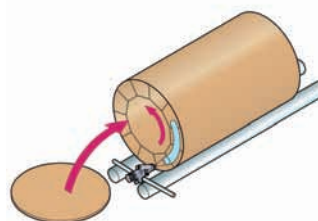
缺陷产品的识别标记 Marking to identify defective products



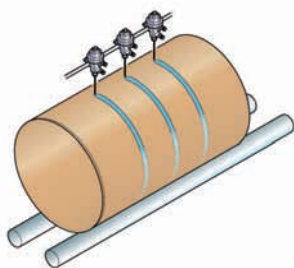
对辊式自动包装机喷涂粘结剂(1) Applying adhesive on auto role packaging machine(1)



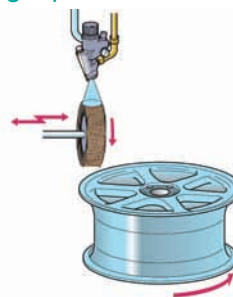
对辊式自动包装机喷涂粘结剂(2) Applying adhesive on auto role packaging machine(2)



对辊式自动包装机喷涂识别标记喷涂剂 Applying marking agent on auto role packaging machine



喷涂液体研磨剂 Applying liquid abrasive compound



其它用途示例

- 标记：工业零部件(弹簧、螺丝、夹具等)的识别、不良产品的识别
- 除臭液：食品工厂、垃圾处理场、饲料工厂
- 加湿：涂装工厂、印刷工厂、造纸工厂、树脂成形工厂
- 防锈油：喷枪广泛应用于机器零部件、轴承产品(轴承等)的防锈、钢板的防锈等所有液体喷涂的用途。

Other applications

- Marking: Identification of industrial components(springs, screws, clamps, etc.), identification of defective products
- Deodorant liquid: Food factories, disposal centers, feed factories
- Humidification: Coating factories, printing factories, paper factories, resin molding factories
- Rust-proofing oil: Rust-prevention of machine parts, bearing products and steel plates
Spray guns are used to apply a wide range of liquids.

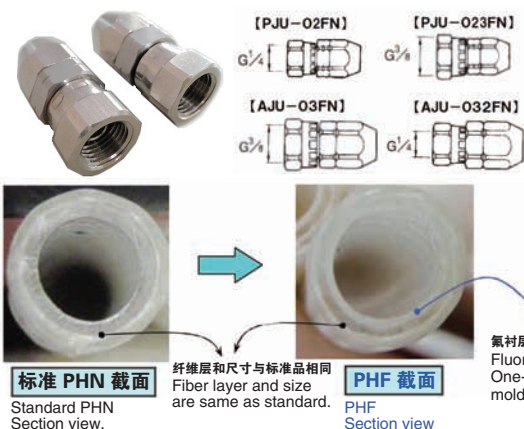
粘度换算表

Viscosity Conversion Chart

分类 Category	Pa·s	dPa·s (P)	mPa·s (cps)	阿耐思特岩田 NK-2 (秒 sec)	Ford(秒 sec) # 4 # 3	Zahn(秒 sec) # 4 # 2	粘度的示意图 Image of the viscosity	ISO 粘度等级(油) ISO viscosity grade (oil)	典型加工剂 Typical liquid	适用喷涂设备 Applicable models (gun/nozzle)	适用供给设备 applicable models (pump/pressure tank)
低粘度 Low viscosity	0.01	0.1	10		5	16	牛奶(milk)	VG-2~15	脱模剂 Release agent	脱模剂专用喷枪 TOF-50 Large orifice spray gun W2003	不锈钢加压罐 COT 系列 隔膜泵 CGP-90EN Diaphragm pump CGP-90EN
	0.02	0.2	20	5	10	12	啤酒(beer)	VG-22			
	0.03	0.3	30	11	15	19		VG-32			
	0.04	0.4	40	14	17	25	乳酸菌饮料原液 (lactic acid bacteria beverage)				
	0.05	0.5	50	16	19	29	汽油发动机机油 (gasoline engine oil 40℃)	VG-46			
	0.06	0.6	60	19	21	33					
	0.07	0.7	70	21	23	36	柴油发动机机油 (diesel engine oil 40℃)	VG-68			
	0.08	0.8	80	25	26	41	色拉油(salad oil)				
	0.09	0.9	90	29	29	45	橄榄油(20℃)(olive oil)				
	0.10	1.0	100	31	31	50	运动饮料(果冻状) (isotonic drink)	VG-110			
	0.12	1.2	120	38	36	58	有机硅粘剂 (silicone adhesive)		加热粘剂(原液) Polychloroprene rubber adhesive	粘剂专用喷枪 COG 系列 Adhesive spray gun COG series	大口径喷枪 Applying gun TOF series
	0.14	1.4	140	44	41	66		VG-150			
	0.16	1.6	160	49	45	67	厨房清洁剂(dishwashing liquid)				
	0.18	1.8	180	56	51	16					
	0.20	2.0	200	63	56	17	枫糖浆(maple syrup)	VG-220			
	0.22	2.2	220	69	61	18					
	0.24	2.4	240	76	67	20	水性印刷油墨 (water-based printing ink)				
	0.26	2.6	260	83	72	21					
	0.28	2.8	280	88	76	22					
	0.30	3.0	300	96	83	24	FRP用船底涂料(marine paint)	VG-320			
	0.40	4.0	400			30	洗衣用浆粉(laundry starch)	VG-460			
中粘度 Middle viscosity	0.50	5.0	500			37	酸奶(yogurt)		丙烯酸酯类粘剂 Acrylic adhesive (undiluted)	丙烯酸酯类粘剂 Acrylic adhesive (undiluted)	丙烯酸酯类粘剂 Acrylic adhesive (undiluted)
	0.60	6.0	600			44	明胶(50℃)(gelatin)				
	0.70	7.0	700			51		VG-680			
	0.80	8.0	800			58	伍斯特沙司(worcester sauces)				
	0.90	9.0	900			64	蛋黄(yolk)	VG-1000			
高粘度 High viscosity	1	10	1,000				口香糖糖浆(gum syrup)	VG-1500	有机硅密封胶 Silicon sealant	有机硅密封胶 Silicon sealant	有机硅密封胶 Silicon sealant
	2	20	2,000				巧克力糖浆(chocolate syrup)	VG-2200			
	3	30	3,000				番茄酱(tomato ketchup)	VG-3200			
	4	40	4,000				膏状味噌(knead Miso)				
	5	50	5,000				巧克力(chocolate)				
超高粘度 Super high viscosity	8	80	8,000				蛋黄酱(mayonnaise)		丙烯酸酯类粘剂 Acrylic adhesive (undiluted)	丙烯酸酯类粘剂 Acrylic adhesive (undiluted)	丙烯酸酯类粘剂 Acrylic adhesive (undiluted)
	10	100	10,000				佃煮紫菜 (laver boiled in soy source)				
	30	300	30,000				护手霜(hand cream)				
	50	500	50,000				蜂蜜(honey)				
	80	800	80,000								
超高粘度 Super high viscosity	100	1,000	100,000				糖浆(syrup)		有机硅密封胶 Silicon sealant	有机硅密封胶 Silicon sealant	有机硅密封胶 Silicon sealant
	130	1,300	130,000								
	150	1,500	150,000				配管用密封胶 (sealant for piping)				
	180	1,800	180,000								
	200	2,000	200,000				膏状芥末(knead mustard)				
超高粘度 Super high viscosity	1,000 以上	10,000	1,000,000				起酥油(shortening)				

※上表介绍了各种粘度的液体示例。※本换算表仅供参考使用。 ※VG是表示ISO粘度等级的符号。是Viscosity Grade的英文缩写。

不锈钢制软管接头/氟内衬软管 Stainless Steel Joint/Fluorine Liner Hose



SUS接头 (Stainless Steel Joint)

型号 Model	材质 Material	可使用软管 Hose	接口直径 Connection size	可使用软管详图 Hose dimension
PJU-02FN	接液部分 不锈钢	PHF-6 PHU-6 PHN-6 THU-6	G 1/4	内径φ6.2 ~ 6.5mm × 外径φ9.3 ~ 9.5mm
PJU-023FN			G 3/8	
AJU-03FN	Wetted part: Stainless steel	PHF-8 PHU-8 PHN-8	G 3/8	内径φ8.7 ~ 9mm × 外径φ12mm
AJU-032FN			G 1/4	

PHF 氟内衬软管 (PHF Fluorine Liner Hose)

型号 Model	长度 Length	材质 Material	尺寸(mm) Dimension	备注 Remarks
PHF-620	20m	外皮: 聚氨酯 中间: 尼龙 螺纹: 聚酯 内衬: 氟	内径φ6.2 × 外径φ9.3	※接单生产 Built to order
PHF-6100	100m			
PHF-820	20m		内径φ8.7 × 外径φ12	※接单生产 Built to order
PHF-8100	100m			

TOF-5B/5RB系列 TOF-5B/5RB SERIES



TOF-5B
简易型

TOF-5RB
简易圆吹型

特点

- 柱塞动作空气和雾化空气的配管为同1根的简易型喷枪。
 - 轻便、紧凑、简约，易于在机器上装配。
 - TOF-5B为喷幅调整装置，可进行平吹~圆吹的调整。(TOF-5RB圆吹专用喷枪无喷幅调整装置)
- 柱塞空气动作压力须为0.25MPa以上，不可进行喷气压力在0.25MPa以下的低压喷涂。低压喷涂的情况下，请选择通用型TOF-6B或TOF-30系列。

Features

- Compact-type spray guns with common use of piston operating air and atomizing air using the same piping
 - Easy to mount on machines due to lightweight, compact and simple design.
 - Pattern adjusting set is equipped (only TOF-5B).
- (However, it cannot apply to under 0.25MPa, since piston operating air needs more than 0.25MPa.)
- * When applying at low pressure, use TOF-6B or TOF-30.

型号 Model	喷幅 Spray pattern	重量 Mass g	喷嘴口径 Nozzle orifice φmm	喷出量 Liquid output ml/min	空气使用量0.3MPa时 Air consumption (at 0.3MPa) ℓ/min	喷幅(喷涂距离为300mm时) Pattern width (when spray distance is 300mm) mm	用途 Application
TOF-5B-05	圆吹、平吹两用 Round pattern & Fan pattern	320	0.5	0~60	60	200	脱模剂、防锈油 Mold release, rust-proofing oil
TOF-5B-10			1.0	0~250	80	250	
TOF-5B-13			1.3	0~360	100	350	
TOF-5B-20			2.0	0~600	140	400	
TOF-5RB-05	圆吹专用 Round pattern only	300	0.5	0~60	40	φ50	标记 点喷涂 Marking, spot application
TOF-5RB-10			1.0	0~250	50	φ70	
TOF-5RB-13			1.3	0~360	55	φ80	
TOF-5RB-20			2.0	0~600	85	φ90	

*空气软管用(1处)、液体软管用(1处)安装螺丝: G1/8

* Air hose and liquid hose connection: G1/8

TOF-6B/6RB系列 TOF-6B/6RB SERIES



TOF-6B
通用型

TOF-6RB
通用圆吹型

特点

- 由于是动作、雾化空气分离式，无论柱塞动作压力如何均可控制雾化空气，可进行0.25MPa以下的低飞散喷涂。
 - 轻便、紧凑、简约，易于在机器上装配。
 - TOF-6B为喷幅调整装置，可进行平吹~圆吹的调整。(TOF-6RB圆吹专用喷枪无喷幅调整装置)
- 雾化空气通道无阀功能，需要安装二通电磁阀。(请参阅P.7)

Features

- Operating air and atomizing air are separated, therefore, they can apply to at low pressure under 0.25MPa, since atomizing air can be controlled regardless of piston operating pressure.
 - Due to lightweight, compact and simple design, it is easy to mount on machines.
 - Pattern adjusting set is equipped (only TOF-6B)
- (Since atomizing air path has no control mechanism, it is necessary to install a two-way solenoid valve.)

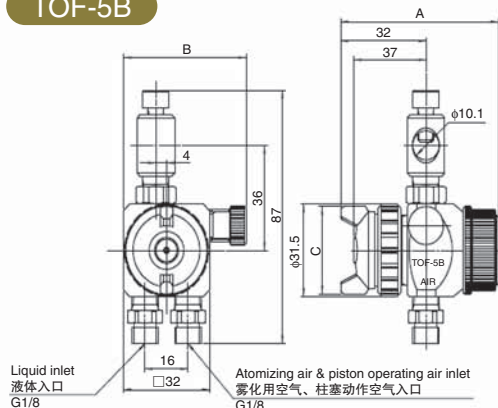
型号 Model	喷幅 Spray pattern	重量 Mass g	喷嘴口径 Nozzle orifice φmm	喷出量 Liquid output ml/min	空气使用量0.3MPa时 Air consumption (at 0.3MPa) ℓ/min	喷幅(喷涂距离为300mm时) Pattern width (when spray distance is 300mm) mm	用途 Application
TOF-6B-05	圆吹、平吹两用 Round pattern & Fan pattern	330	0.5	0~60	60	200	脱模剂、防锈油 Mold release, rust-proofing oil
TOF-6B-10			1.0	0~250	80	250	
TOF-6B-13			1.3	0~360	100	350	
TOF-6B-20			2.0	0~600	140	400	
TOF-6RB-05	圆吹专用 Round pattern	310	0.5	0~60	40	φ50	标记 点喷涂 Marking, spot application
TOF-6RB-10			1.0	0~250	50	φ70	
TOF-6RB-13			1.3	0~360	55	φ80	
TOF-6RB-20			2.0	0~600	85	φ90	

*空气软管用(2处)、液体软管用(1处)安装螺丝: G1/8

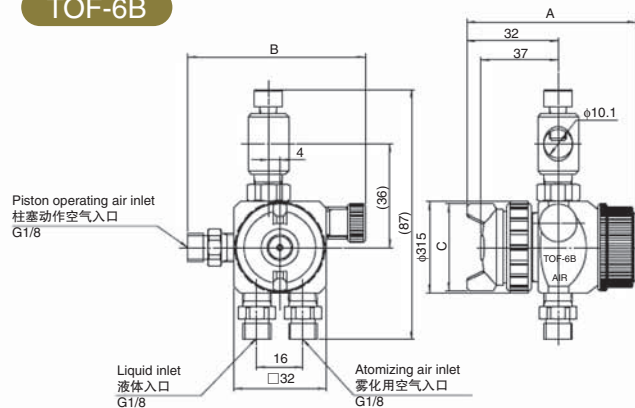
* Air hose and liquid hose connection: G1/8

安装尺寸图 Mounting dimensional drawing

TOF-5B



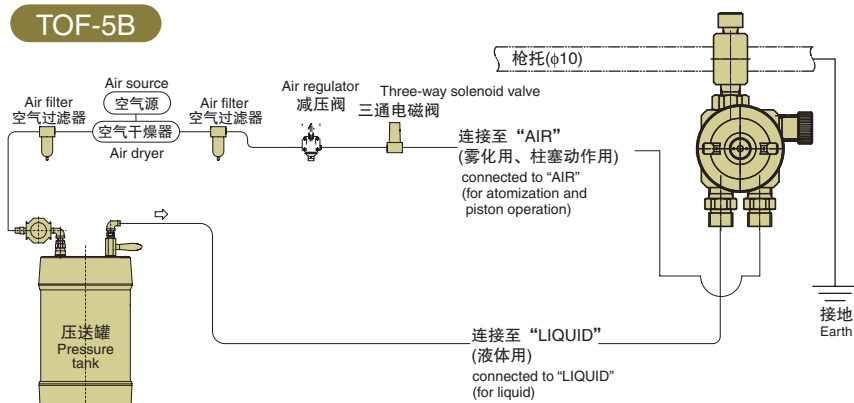
TOF-6B



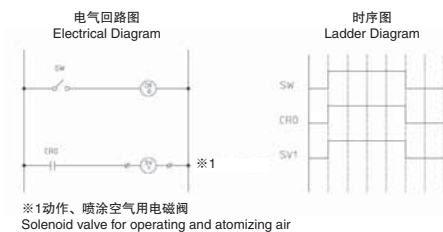
型号 Model	A	B	C
TOF-5B	59~63	45.5~48.5	30
TOF-5RB	54~58	35	25
TOF-6B	59~63	61.5~64.5	30
TOF-6RB	54~58	51	25

安装示例 Mounting example

TOF-5B

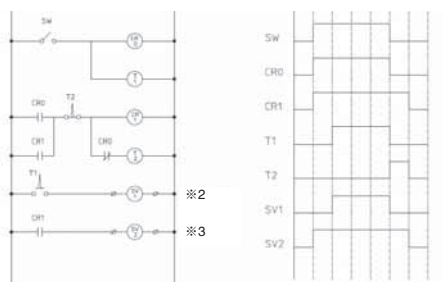
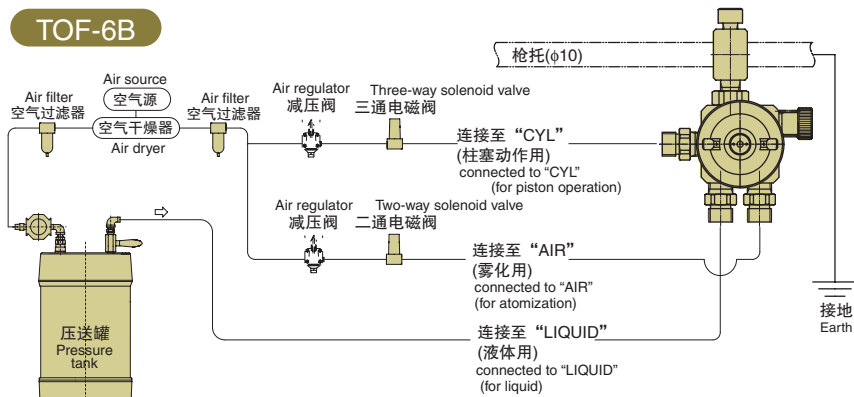


控制示例 Control example



※1 动作、喷涂空气用电磁阀
Solenoid valve for operating and atomizing air

TOF-6B

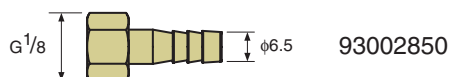


※2 动作空气用电磁阀
Solenoid valve for operating air

※3 喷涂空气用电磁阀
Solenoid valve for atomizing air

可选接头 Option joint

● TOF-5B · 5RB/6B · 6RB



TOF-20系列 TOF-20 SERIES



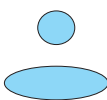
TOF-20
简易型

特点

- 可实现大喷幅的喷涂。
- 柱塞动作空气和雾化空气的配管为同1根的简易型喷枪。
- 带雾化空气量调整功能，通过单独集中雾化空气量，可实现低飞散喷涂。
- 可用喷幅调整装置进行平吹~圆吹的调整。

Features

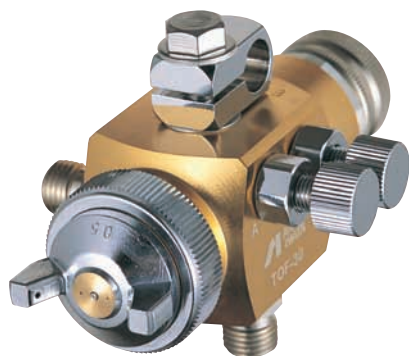
- Able to apply a wide pattern
- Compact type spray guns with common use of piston operating air and atomizing air using one piping system.
- Equipped with atomizing air adjusting function. applying with low overspray can be obtained by narrowing only atomizing air volume.
- Pattern adjusting set is equipped.

型号 Model	喷幅 Spray pattern	重量 Mass g	喷嘴口径 Nozzle orifice φmm	喷出量 Liquid output m ³ / min	空气使用量0.3MPa时 Air consumption (at 0.3MPa) ℓ/min	喷幅(喷涂距离为300mm时) Pattern width (when spray distance is 300mm) mm	用途 Application
TOF-20-05	圆吹、平吹两用 Round pattern & Fan pattern 	565	0.5	0~70	110	250	喷涂高粘度液体 大幅喷涂 Applying liquid of high viscosity, applying large pattern
TOF-20-10			1.0	0~280	135	320	
TOF-20-13			1.3	0~450	150	420	
TOF-20-15			1.5	0~550	160	480	
TOF-20-20			2.0	0~700	190	500	

*空气软管用(1处)、液体软管用(1处)安装螺丝: G1/4

* Air hose and liquid hose connection: G1/4

TOF-30系列 TOF-30 SERIES



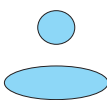
TOF-30
通用型

特点

- 可实现大喷幅的喷涂。
- 由于是动作、雾化空气分离式，无论柱塞动作压力如何均可控制雾化空气，通过空气减压阀可进行0.25MPa以下的低飞散喷涂。
- 可用喷幅调整装置进行平吹~圆吹的调整。
雾化空气通道无阀功能，需要安装二通电磁阀。(请参阅P.9)

Features

- Able to apply a wide pattern
- Operating air and atomizing air are separated, therefore, they can apply to at low pressure under 0.25MPa, since atomizing air can be controlled regardless of piston operating pressure.
- Equipped with pattern adjusting set.
(Since atomizing air path has no control mechanism, it is necessary to install a two-way solenoid valve.) * Refer to setting diagram on page 9.

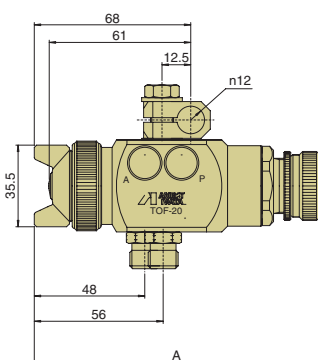
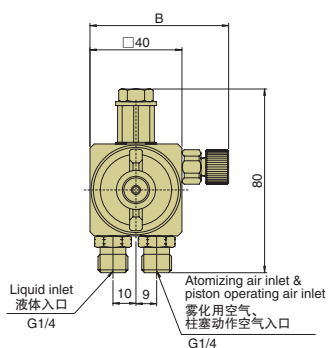
型号 Model	喷幅 Spray pattern	重量 Mass g	喷嘴口径 Nozzle orifice φmm	喷出量 Liquid output m ³ / min	空气使用量0.3MPa时 Air consumption (at 0.3MPa) ℓ/min	喷幅(喷涂距离为300mm时) Pattern width (when spray distance is 300mm) mm	用途 Application
TOF-30-05	圆吹、平吹两用 Round pattern & Fan pattern 	575	0.5	0~70	110	250	喷涂高粘度液体 大幅喷涂 Applying liquid of high viscosity, applying large pattern
TOF-30-10			1.0	0~280	135	320	
TOF-30-13			1.3	0~450	150	420	
TOF-30-15			1.5	0~550	160	480	
TOF-30-20			2.0	0~700	190	500	

*空气软管用(2处)、液体软管用(1处)安装螺丝: G1/4

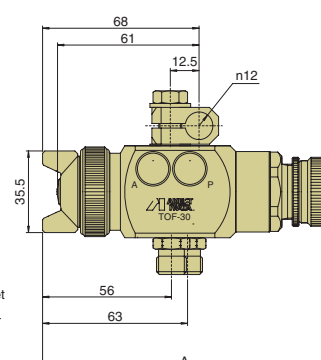
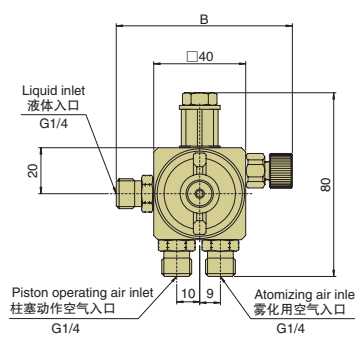
* Air hose and liquid hose connection: G1/4

安装尺寸图 Mounting dimensional drawing

TOF-20



TOF-30

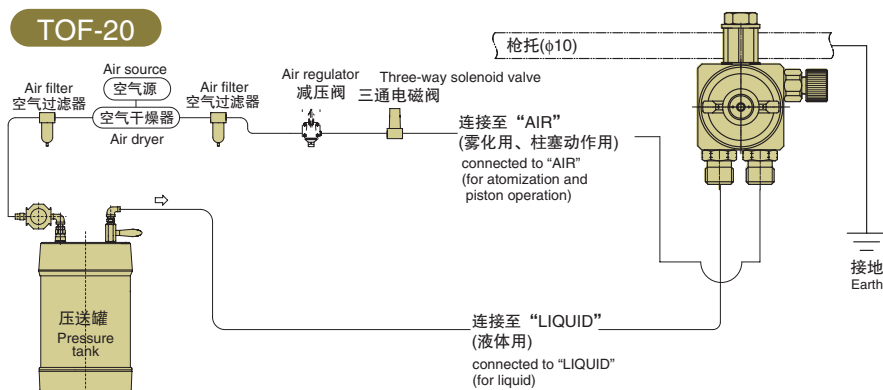


型号 Model	A	B
TOF-20	123~128	60.5~64.5
TOF-30	123~128	76.5~80.5

mm

安装示例 Mounting example

TOF-20



控制示例 Control example

电气回路图
Electrical Diagram

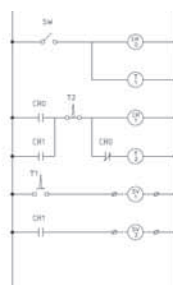
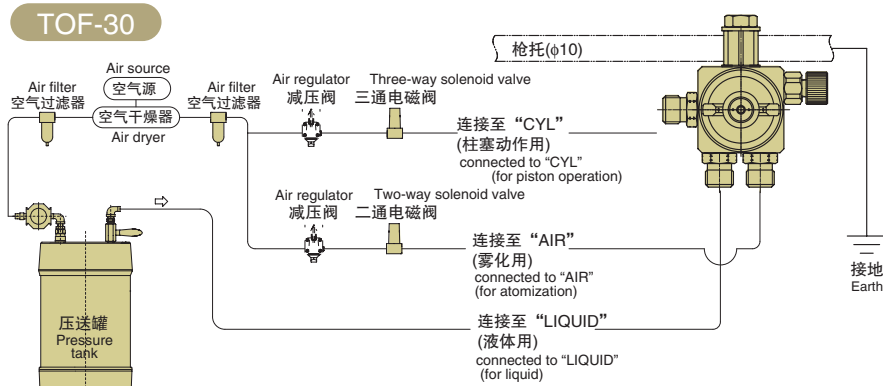


时序图
Ladder Diagram

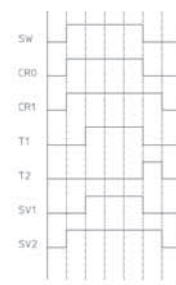


※1 动作、喷涂空气用电磁阀
Solenoid valve for operating and atomizing air

TOF-30



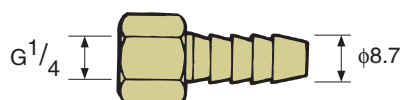
※2 动作空气用电磁阀
Solenoid valve for operating air



※3 喷涂空气用电磁阀
Solenoid valve for atomizing air

附带接头 Accessory joint

● TOF-20/30



TJ-14

各种自动喷枪(接单生产产品) Automatic Gun(Built to order)



AS-80-011

超小自动喷枪
Super compact gun



用途

小面积喷涂、减少遮蔽的麻烦

特点

☆由于机身紧凑,可应用于狭小空间,如安装在自动机床内、安装在小型机器人上等等。
☆喷嘴小使遮蔽区域也变小。

Application

Small area coating, Reducing masking process.

Feature

☆Due to super compact body, it is ideal for use in small spaces such as installing in automatic equipment and mounting on a small robot.
☆Small pattern makes masking area small.



AS-80-001

自动喷枪
Airbrush automatic gun



用途

标记

特点

☆配备喷枪型雾化头。
☆动作空气、雾化空气通道分离的标记用自动喷枪。

Application

Marking

Feature

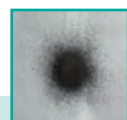
☆Airbrush type atomizing head.
☆Automatic gun for marking has separated inlets for operating and atomizing air.



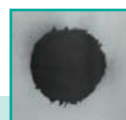
AS-30-111

多孔盖自动喷枪
Multi-hole automatic gun

普通喷枪喷涂示例
Example with general gun



AS-30-111喷涂示例
Example with AS-30-111



使用示例: 硫化粘剂剂等
Example: Vulcanizing agent etc.



空气保护
Air guard

用途

小件喷涂、减少遮蔽的麻烦、减少夹具的污染

特点

☆多孔盖(空气护盖)规格
☆护盖、喷雾空气独立控制规格
☆液体可循环的规格

Application

Small product coating . Reducing time needed for masking and blots of tool .

Feature

☆Multi-hole cap type(Air guard cap)
☆Separated air inlets for guard and atomizing air
☆Available to use with liquid circulation



TOF-6RB-S2

多孔盖迷你自动喷枪
Mini automatic gun with multi-hole cap

普通喷枪喷涂示例
Example with general gun



TOF-6RB-S2喷涂示例(喷嘴距离: 5mm)
Example with short distance spray(5mm)



用途

小件喷涂、减少遮蔽的麻烦、减少夹具的污染

特点

☆多孔盖(空气护盖)规格

Application

Small product coating . Reducing time needed for masking and blots of tool.

Feature

☆Multi-hole cap type(Air guard cap)

型号 Model	名称 Name	供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Atomizing air Pressure MPa	喷出量 Fluid output ml/min	空气使用量 Air consumption l/min	喷嘴 pattern width mm	雾化空气供给口径 Atomizing air inlet	采样空气供给口径 Pattern air inlet	动作空气供给口径 Operating air inlet	供液口径 Fluid inlet	喷枪固定螺丝规格 Gun fixation bolt mm	重量 Mass g
AS-80-011	超小自动喷枪 Super compact gun	压送式 pressure	1.0	0.09(建议雾化空气压力) (Recommended) 0.08(建议采样空气压力) (Recommended pattern air pressure)	55	50	100	M5 × 0.8mm	M5 × 0.8mm	M5 × 0.8mm	M5 × 0.8mm	M4 × 0.7mm 螺栓孔用 Female	120
AS-80-001	自动喷枪 Automatic gun	压送式(重力式) pressure(Gravity)	0.4	0.29	—	15	喷枪线 圆吹 Airbrush line (Round pattern)	Rc1/8	无 No	Rc1/8	Rc1/8	M10 × 1mm 螺栓孔用 Female	175
AS-30-111	多孔盖自动喷枪 Automatic gun	压送式 pressure	0.8	0.26(建议雾化空气压力) (Recommended) 0.22(建议采样空气压力) (Recommended pattern air pressure)	—	350	— 圆吹 Round pattern	Rc1/8	Rc1/8	Rc1/8	Rc1/8	M8 × 1.25mm 螺栓孔用 Female	350
TOF-6RB-S2	多孔盖迷你自动喷枪 Mini automatic gun with multi-hole cap	压送式(重力式) pressure(Gravity)	0.5	— 取决于条件 Depend on conditions	60	50	70 (喷涂距离 Spray distance 300mm)	G1/8	G1/8	G1/8	G1/8	φ10mm 请参阅TOF-6	350

适用少量喷出自动喷枪 Automatic Spray Gun for Small Flowrate

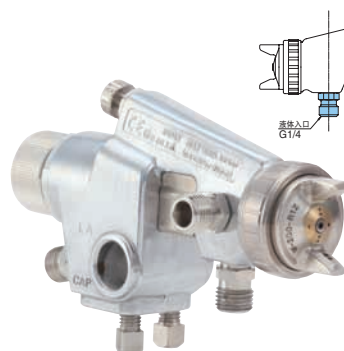


WA-101-S3B

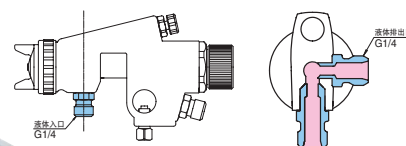
WA-101型喷枪可选择喷嘴口径φ0.4、0.6、1.0mm, 适用于小面积、少量喷涂。
WA-101 type with nozzle orifice φ0.4、0.6、1.0mm is for small area and small flow rate spraying.

型号 Model	供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Atomizing air Pressure MPa	喷涂距离 Spray distance mm
WA-101-S3B-04P	压送式 Pressure	0.4	0.09	100
WA-101-S3B-06P		0.6		150
WA-101-S3B-10P		1.0		150

液体循环型自动喷枪 Circulation Type Automatic Spray Gun



WA-200-S20



WA-200型喷枪主体侧附带了液体接头, 以使液体循环。

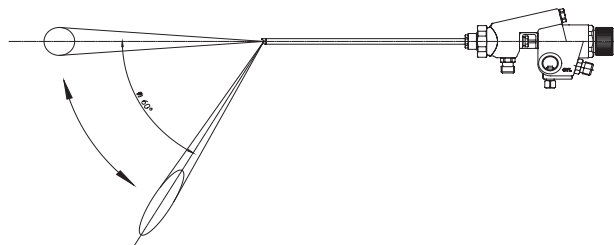
WA-200 type with fluid nipple on body side for circulation which prevents fluid from precipitation.

各种自动喷枪(接单生产产品) Automatic Guns(Built to order)

我们可以根据客户的要求，生产各种喷枪。 We can meet a wide range of applications that customers request.



喷涂角度可变自动喷枪
Variable angle automatic gun



可对喷涂对象近距离喷涂，而且可根据工件形状改变(0~约60°)喷涂角度。

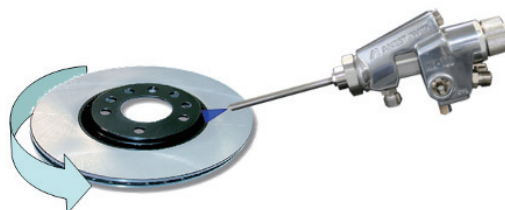
※喷涂角度因条件而异。

Able to spray in close distance and vary spraying angle from 0 to 60° depending on work shape.

※Spraying angle varies depending on conditions.



短距离喷涂自动喷枪
Short distance automatic gun

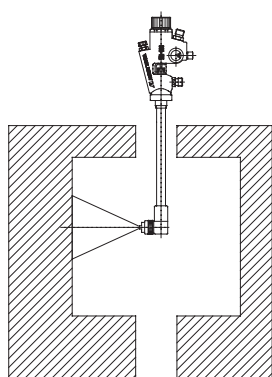


可对喷涂对象近距离喷涂，减少遮蔽。

最适于喷涂空间狭小部位的内表面。

Need less masking due to close distance spray. Ideal for spraying narrow inside.

内表面喷涂用自动喷枪(接单生产产品) Internal Coating Automatic Gun(Built to order)



适用于狭窄空间、管道内表面等喷涂的喷枪。

弯曲角度: 0° 45° 90°

颈长: 0~500mm

(超出规格时请咨询本公司)

Spray gun for narrow area and pipe inside etc.

Angle: 0° 45° 90°

Extension length: 0~500mm

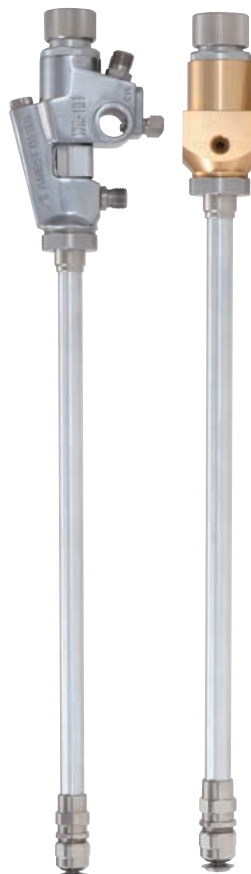
(Contact us if need longer one.)



用于在脱模剂、管道内表面喷涂加工剂的喷枪。

由于喷嘴为360°，因此无需旋转工件和喷枪也可喷涂。

Spray gun for spraying release agent and liquid to pipe inside.



偏向板

可根据前端的零部件变更扩展方向。
Pattern angle varies by screwing and unscrewing for part.



可喷涂360°方向，实现宽喷嘴。
Able to spray 360° direction with wide pattern.

陶瓷喷涂用自动喷枪 Automatic Gun for Ceramic

针阀与喷嘴前端部均为硬质合金的喷枪。
Both fluid needle and tip of fluid needle are made of tungsten carbide.

用途

最适于搪瓷釉、陶瓷釉喷涂、研磨剂等易磨损喷涂材料的表面喷涂。
喷嘴、针座部分的材料为硬质合金，具有优良的耐磨损性。

Application

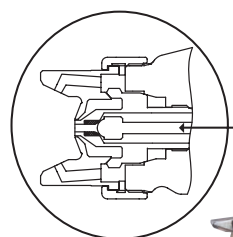
Ideal for spraying abrasive fluids such as enamels, ceramic glaze, abrasives.
Seat material of nozzle and needle is tungsten carbide. High abrasion resistant.



WA-200-ZP 自动喷枪
WA-200-ZP automatic gun

型号 Model	喷嘴口径 Fluid nozzle orifice φmm	喷出量 Fluid output ml/min	空气使用量 Air consumption l/min	喷幅 Pattern width mm	适用气孔型号 Applied air cap	所用压缩机 Required air compressor kW	重量 Mass g
WA-200-201ZP	2.0	760	500	370	R1Z	2.2~3.7	500
WA-200-251ZP	2.5						

●液体材料供给方式：压送式 Type of feed: pressure feed ●喷涂距离：250mm Spray distance: 250mm ●喷涂空气压力：0.34MPa
●喷涂形状：直线形 Pattern shape: straight ●液体喷嘴：G3/8、空气喷嘴：G1/4



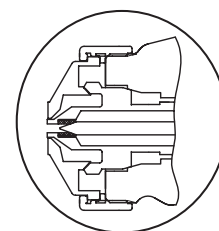
针前端特殊座
Special seat



可根据材料特性(粘度、固形物大小、磨损度等)变更内部特殊座式样和硬质合金材料，也可根据工件形状选择圆吹喷涂的气孔等。

Available to select special seat and change a type of cemented carbides, depending on fluid property (Viscosity, Size of solid content, Abrasion property)

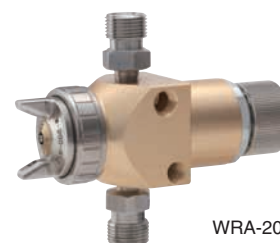
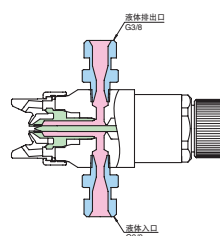
Also available to select special round cap to meet work shapes.



特殊圆吹气孔
Special round pattern air cap

液体循环式自动喷枪 Circulation Type Automatic Spray Gun

使喷枪通道内的液体循环可防止沉淀。
Preventing from precipitation by circulating fluid through path.



WRA-200-S7

釉专用喷枪 Special Spray Gun for Glazing

可根据客户需求特别提供釉专用自动喷枪等。
Able to meet customer's needs such as automatic spray gun for glazing as a special order.

各种自动喷枪(接单生产产品) Automatic Spray Gun(Built to order)

多液自动喷枪 Multi-Fluid Automatic Gun

适用于多种液体的特殊喷枪。
Special spray gun for multi-fluid.



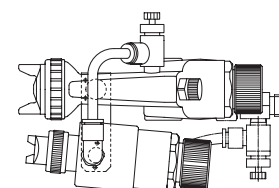
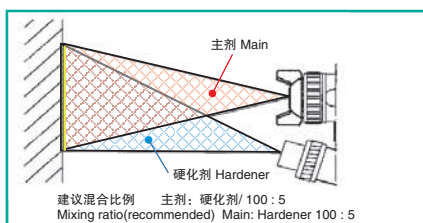
双头自动喷枪 Twin-Head Automatic Gun

二液型粘结剂喷涂用喷枪。
Twin-head spray gun is exclusive use for two-component emulsion adhesive.

外部混合方式

并非预先混合，而是在雾化空间混合主剂和硬化剂，因此可减小液剂在罐、喷枪、液体材料软管内固结的危险。
Mixing base compound and hardener on coating surface. No stuck in tank, spray gun and hose due to non-premixed.

隔热材料、保湿剂用薄膜粘贴材料、汽车座椅材料、隔断材料、椅子/沙发/坐垫材料、空调内部材料。
Adhering heat insulator, thermal insulator, petition, chair parts, sofa, mattress, air-conditioner interior material and so on.



环保喷嘴 Eco Nozzle



EN-2

超细雾碰撞到材料表面时会反弹，因此不会破裂 = “几乎不湿” 是一大特点。

When super fine mist hit the surface of materials, they bounce back instead of busting due to very small size. = Hardly wet

随附物件

- ①喷嘴主体(附带液体用、空气用接头)
- ②吸取用管500mm(外径6mm内径4mm)
- ③固定用金属零件(夹子、平垫圈2个、O形圈、内六角螺栓)

Content

- ①Humidification nozzle(Includes joints for fluid and air)
- ②Liquid tube 500mm(Outer dia.6mm Inner dia.4mm)
- ③Fixing parts(Clip, 2 washers,O-ring,Hex.head bolt)

用途

室内加湿、防粉尘飞散、简易冷却

特点

- ☆2种流体方式，可形成非常细小的雾。
- ☆不占地方、可轻松加湿。
- ☆用少量压缩空气可喷洒“超细雾”。
- ☆比1种流体方式喷雾距离远。
- ☆无需送液用泵和高压软管、配管设备。
- ☆利用夹子或晾衣夹等，可固定在您喜欢的位置。

Application

Indoor humidification, Dust suppression, Cooling

Feature

- ☆Creates fine mist with 2 fluids nozzle (Air atomizing nozzle)
- ☆Compact and easy to humidify
- ☆Spraying super fine mist by small amount of compressed air
- ☆Able to handle longer distance spray than 1fluid nozzle. (Hydraulic nozzle)
- ☆No pump, high pressure hose and piping needed
- ☆Able to install it where you want by clothespin or clip



作为节电措施的冷却用途示例(配管由客户施工)

Example : Cooling for energy saving
(Customer piping)



塑料瓶安装示例
(不附带塑料瓶、空气软管)

Setup on plastic bottle
Not include plastic bottle and air hose

型号 Model	喷嘴口径 Nozzle orifice φmm	空气使用量 Air consumption		液体喷出量 Fluid output m l /min	重量 Mass g
		MPa	ℓ/min		
EN-2	0.5	0.3	17	22	90
		0.2	11	13	
		0.1	6	4	

液体为水时 扬程约为 500mm In case of water, suction lift is about 500mm..

发动机清洗器 Engine cleaner



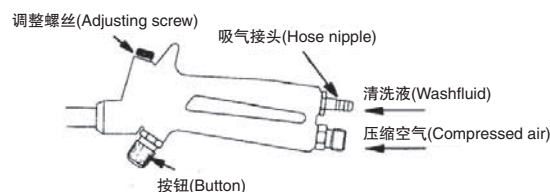
EC-3B

用途

清洗发动机等

Application

Cleaning engines, machines, etc



将塑料软管安装到吸气接头。连接空气软管，将塑料软管的吸气口部分放入汽油或清洗油等清洗液容器，按下按钮，液体从吸嘴前端喷出。通过调节调整螺丝可调节喷出量。

Connect the plastic hose to the hose nipple and put the other end into the container contained gasoline, wash fluid and so on.
Connect the air hose to the joint.
By pushing the button, liquid is sucked up and sprayed from the nozzle.

型号 Model	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Atomizing air pressure MPa	空气使用量 Air consumption ℓ/min	所用压缩机 Required air compressor kW	重量 Mass g	连接螺丝直径 Conection
EC-3B	2.7	0.34	40	0.2	380	G1/4

脱模剂喷涂用小型喷枪 Compact Spray Gun for Release Agent

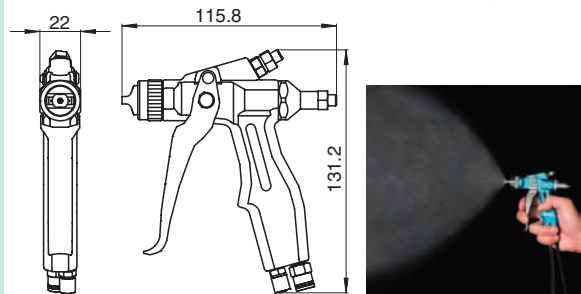
小型轻量操作简便、郁金香喷雾图形，在狭窄处及近距离喷涂时能发挥威力。
With compact, light weight and wide tulip pattern, the gun features easy handling for a narrow space and short distance spraying.

特点

- 把手下部集中了空气用接头、液体用接头，具有出色的操作性。
- 小型、轻量，长时间作业也不易疲劳的设计。
- 从脱模剂转换为水系形态的背景可知：
 - 主体为铝 + 阳极氧化处理(锻造)，可确保耐腐蚀性。
 - 扳机等外围零部件为不锈钢材，可防止生锈。
 - 空气通道上的活动部分所用润滑脂，全部使用凡士林类。
 - 脱模剂本身易滑，因此主体表面采用喷砂处理。
- 最大喷出量为180mℓ/min、喷嘴口径为φ0.6mm。
- 喷出量调整、喷雾图形调整为基于工具的锁定结构式。可防止作业人员的错误操作。
- 喷枪挂钩(带垫圈的螺丝×2个)为选件(零部件代码No.93018920)。
喷枪挂钩可安装在喷枪上部、把手侧面，也可挂在作业人员的皮带上。

Feature

- Easy handling due to locating air and liquid joints at bottom of grip.
- Less tiring design due to compact and light weight.
- From the background that more waterborne release agent has been used:
 - Body is made of forged aluminum + alumite treatment for corrosion-proof.
 - Parts mounted on body are mostly made of stainless steel for rust prevention.
 - Vaseline is used as grease on slide parts in air path.
 - Body is treated with pearskin (sandy) finish for slippery release agent.
- Max. flow rate 180mℓ/min, nozzle orifice size 0.6mm.
- Fluid adjusting and pattern adjusting knobs have a locking mechanism.
- Option: Gun hook (w/2 bolts) Code No93018920.
Gun hook can be fixed on top of gun or side of grip. Gun can be hung on worker's belt etc by it.

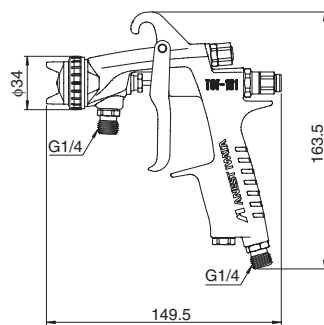


型号 Model	喷嘴口径 Fluid nozzle orifice φmm	气孔型号 Applied air cap	喷涂空气压力 Atomizing air Pressure MPa	空气使用量 Air consumption ℓ/min	喷出量 Fluid output mℓ/min	喷幅 Pattern width mm	重量 Mass g
TOF-50-062P	0.6	E2 (LPH-50)	0.1	50	180	150	227

连接Air & fluid空气: φ6 × 4mm管用(for tube)液体(Liquid): φ6 × 4mm管用(for tube)

脱模剂喷涂喷枪 Spray Gun for Release Agent

TOF-101是用大郁金香喷雾图形大面积高效喷涂脱模剂的喷枪。
TOF-101 spray gun can spray release agent to wide area with wide tulip pattern.



型号 Model	喷嘴口径 Fluid nozzle orifice φmm	气孔型号 Applied air cap	喷涂空气压力 Atomizing air Pressure MPa	空气使用量 Air consumption ℓ/min	喷出量 Fluid output mℓ/min	喷幅 Pattern width mm	重量 Mass g
TOF-101-072P	0.7	E2P (W-101)	0.2	195	200	280	320

接口直径 Air & fluid connection 空气(Air): G1/4 液体(Liquid): G1/4

挤胶喷枪 Flow Gun



用于密封喷涂、粘结剂的暗榫接合、开榫作业。
For sealing, dowelling and tenoning jobs with adhesive.

型号 Model	最高使用压力 Max Pressure	重量 Mass	连接螺丝 Fluid Hose Connection	
FG-6	25MPa	455g	NPS3/8	万向接头 Universal joint
FG-61			G1/4(PF1/4)	
FG-62			G3/8(PF3/8)	

不附带喷嘴。请参阅下述喷嘴。
No nozzle attached, refer to the table below to select nozzles.

冷胶用喷嘴品种 Nozzle variation for cold glue

	标准喷嘴 Standard nozzle		粗喷嘴 Thick nozzle		细喷嘴 Thin nozzle	暗榫接合用喷嘴 Dowelling nozzle	
型号 Model	COA-N1405	COA-N1005	COA-N3009	COA-N5009	COA-N1402	COA-N1405D	COA-N1507D
形状 Form							
内径 Inside diameter	1.4mm	1.0mm	3.0mm	5.0mm	1.4mm	1.5mm	
外径 outer diameter	5.0mm		9.0mm		2.0mm	5.0mm	7.0mm
喷嘴长度 Nozzle length	50mm		50mm		40mm	40mm	
材质 Material	不锈钢 Stainless steel						

※接单生产(Built to order)

光触媒、亲水性溶液用喷枪 Special Spray Gun for Photocatalyst and Hydrophilic Solution

LPH系列高微粒化、功能进一步提高
LPH series improve atomizing and functional performance



LPH-50-S5
LPH-50-S9



LPH-101-S18



LPH-101-S19/LPH-101-S23
LPH-101-S27/LPH-101-S34



LPH-400-S1

用途

光触媒液喷涂专用
形成超亲水膜、防雾、防污、抗菌、水净化、气体分解等

Application

Special spray gun for photocatalyst solution Creating super hydrophilic film Anti-fogging, Self-cleaning, Anti-bacterial, Water cleaning, Gas decomposition

特点

- 粒子均匀，可获得平整的喷雾图形。
- 少量喷涂时也可确保大喷幅。
- 将喷枪附近压力调为低压，可发挥更高的微粒化性能。
- 近距离喷涂(150mm以内)时，喷涂效率变高。

Features

Flat pattern by uniform particle
Wider pattern even when low flow rate
High atomization performance obtained by even lower inlet pressure
Higher coating efficiency obtained by short distance spray (within 150mm)

利用快速喷涂调整旋钮，可进行轻微的喷涂调整。
Fain flow control can be obtained by using fluid adjusting set.



型号 Model	用途 Application	特点			喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Air pressure at gun inlet MPa	性能		
		高微粒化 High atomization	通用微粒化 General atomization				喷涂距离 Spray distance mm	喷幅 Pattern width mm	液体喷出量 Fluid output ml/min
LPH-50-S5	内装用 For interior coating		○	附带快速喷涂调整旋钮 With one touch adjusting knob	0.4	0.2	400	150	20
LPH-50-S9-04			○		0.4		(喷出量: 0~20mℓ/min) (Fluid output: 0~20mℓ/min)		
LPH-50-S9-06			○		0.6				0~15
LPH-50-S9-10			○		1.0				0~22
LPH-101-124LVG	外装、工业用 For exterior and industrial coating	—	○	附带LPH-101-S18的快速喷涂调整旋钮 LPH-101-S18 With one touch adjusting knob	1.2		200	150	40
LPH-101-S18		○			1.0		150	200	40
LPH-101-S19		○			1.0		150	200	40
							(喷出量: 0~80mℓ/min) (Fluid output: 0~80mℓ/min)		
LPH-101-S23	外装用 For exterior coating	◎ 超高微粒		附带快速喷涂调整旋钮 With one touch adjusting knob	0.5	0.15	150	200	40
LPH-101-S27			○		0.8		150	200	40
LPH-400-S1			○	近距离大喷幅 Large spray pattern	1.2		150	300	45
LPH-101-S34		○			1.0		可进行轻微的喷涂调整 (与LPH-101-S19相比) (喷出量: 0~50mℓ/min) (Fluid output: 0~50mℓ/min)		

※ 液材容器另售。

※ 重力式涂料杯建议使用不锈钢材料。

※ LPH-101-S18、-S19、-S23、-27、-34不能使用一般涂料。

Cups are sold separately

In case of gravity cup, stainless steel cup is recommended.

General paint cannot be used for LPH-101-S18, S19, S23, 27, 34

~光触媒喷涂基础~

- ① 不同于一般涂装喷涂作业。
· 喷涂膜厚为0.1~1μ(外装)
- ② 透明雾化状态须喷涂均匀，请勿过渡喷涂或遗漏。
- ③ 需要学习喷涂技能(利用制造厂培训)
- ④ 压缩机是无油式
· 空气中的油产生反应，导致涂膜不良。

Basic idea for photocatalyst solution coating

- ① Different from conventional coating way
Thickness of coating film is from 0.1μ to 1.0μ
- ② Coat uniformly. Do not recoat and left uncoated area
Need special skill to coat
- ③ Oil-free compressor
Chemical reaction between oil mist and photocatalyst lead to wrong coating film.

● 请在掌握光触媒、亲水性溶液用喷枪的特性后再使用。

Use guns after understanding property of photocatalytic and hydrophilic solution.

大口径喷枪 Large Orifice Spray Gun

粘度100mPa·s以下的特殊液体、粘结剂等。的喷枪。

Spray gun for high viscosity liquid (Less than 100mPa · s) and adhesive etc.

型号 Model	供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Atomizing air pressure MPa	空气使用量 Air consumption ℓ/min	喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用压缩机 Required air compressor kW	加压容器 Pressurized container	重量 Mass g
W-2001-1	压送式 Pressure feed	2.5	200	0.29	(25W)170 (10W)100	—	—	0.75~3.7	加压容器 PC-19B (1000ml) Pressure feed container	450
W-2001-2		3.0								
W-2003		2.0	200~300		270	—	300~400	1.5		390

喷嘴、针为不锈钢制。也可喷涂水系粘剂类等。

Fluid nozzle and fluid needle are made of stainless steel which permits spraying of even water borne adhesives.



W-2001-1 PC-19B
加压容器安装示例
Pressure feed container(option)



W-2003 PC-19B
加压容器安装示例
Pressure feed container(option)

陶瓷喷涂用喷枪 Manual Gun for Ceramic Coating

针阀与喷嘴前端部均为硬质合金的喷枪。

Both fluid nozzle and tip of fluid needle are made of tungsten carbide.

用途

最适于搪瓷釉、陶瓷釉喷涂、研磨剂等易磨损喷涂材料的表面喷涂。喷嘴、针座部分的材料为硬质合金，具有优良的耐磨损性。

Application

Ideal for spraying abrasive fluids such as enamels, ceramic glaze, abrasives.
Seat material of nozzle and needle is tungsten carbide. High abrasion resistant.



W-200-ZP 手动喷枪
W-200-ZP Manual gun

型号 Model	喷嘴口径 Fluid nozzle orifice φmm	喷出量 Fluid output ml/min	空气使用量 Air consumption ℓ/min	喷幅 Pattern width mm	适用气孔型号 Applied air cap	所用压缩机 Required air compressor kW	重量 Mass g
W-200-201ZP	2.0	760	500	370	R1Z	2.2~3.7	390
W-200-251ZP	2.5						

- 液体供给方式：压送式 Type of feed: pressure feed
- 喷涂距离：250mm Spray distance: 250mm
- 喷涂空气压力 Air pressure: 0.34MPa
- 喷涂形状：直线形 Pattern shape: straight
- 液体接头 Fluid nipple: G3/8
- 空气接头 Air nipple: G1/4

双头喷枪 Twin-Head Gun

●SG-496B

二液混合型粘结剂喷涂专用喷枪。

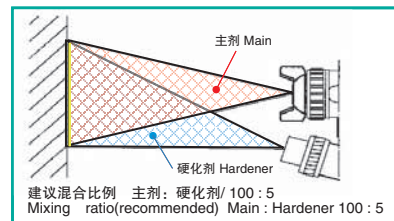
Twin-head spray gun SG-496B is exclusive use for two-component adhesive.



外部混合方式

并非预先混合，而是在雾化空间混合主剂和硬化剂，因此可减小液剂在罐、喷枪、液体材料软管内固结的危险。
Mixing base compound and hardener on coating surface. No stuck in tank, spray gun and hose due to non-premixed.

隔热材料、保湿剂用薄膜粘贴材料、汽车座椅材料、隔断材料、椅子/沙发/坐垫材料、空调内部材料
Adhering heat insulator, thermal insulator, partition, chair parts, sofa, mattress, air-conditioner interior material and so on.



型号 Model	喷嘴口径 Fluid nozzle orifice φmm		连接螺丝直径 Conection		
	主剂 Main	硬化剂 Hardener	主剂 Main	硬化剂 Hardener	空气接头尺寸 Air nipple
SG-496B	2.2	0.7	G3/8	M9X1	G1/4

●S-16D-S1

银镜涂装特殊喷枪。

Twin-head gun S-16D-S1 is special spray gun for silver mirror coating.



型号 Model	供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Air pressure at gun inlet MPa	空气使用量 Air consumption ℓ/min	空气接头 接口直径 Air nipple	重量 Mass g
S-16D-S1	吸取式 Suction	0.7	0.29	69	G1/4	315

粘结剂专用喷枪 Spray Gun for Adhesive



粘结剂专用手控喷枪
Manual gun for adhesive
COG-200-18



粘结剂专用自动喷枪
Automatic gun for adhesive
COG-A200-12



粘结剂专用高性能自动喷枪
High functional automatic gun for adhesive
COG-R200-18

用途

汽车内装、木工、隔热材料粘贴用
粘结剂(粘度 约3,000mPa · s程度)的喷涂

特点

高粘度粘结剂也可实现高微粒化、宽喷幅
大喷出量也可实现稳定喷涂
减少喷嘴前端的涂液滴落现象，实现稳定喷幅
有压送式和吸取式2种

Applications

Spraying adhesive(Viscosity: around 3,000mPa · s)
For car interior material, woodwork, heat insulator etc.

Features

Able to atomize high viscosity adhesive. Creating wide pattern
Stable coating with heavy flow
Reducing leak from top of nozzle and keeping high repeatability
Lineup of pressure and suction feed types

安装示例
COG-200-18S
吸取式喷枪
PC-1
容器(选件)

COG-200-18S
Suction feed spray gun
with PC-1
container(option)



Spray pattern comparison
喷雾喷幅比较

通用喷枪
喷涂喷幅
General-purpose gun



COG系列
喷涂喷幅
COG series



Spray pattern comparison
喷雾喷幅比较

通用喷枪
喷涂喷幅
General-purpose gun



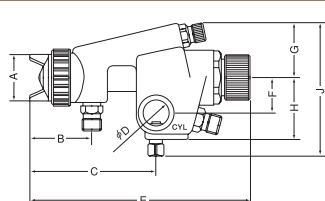
COG系列
喷涂喷幅
COG series



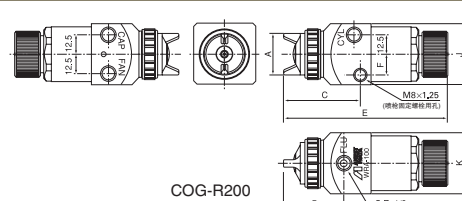
品名 Type	型号 Model	供给方式 Type of feed	喷嘴口径 Nozzle orifice φmm	喷涂空气压力 Atomizing air pressure MPa		空气使用量 Air consumption ℓ/min	喷出量 Fluid output ml/min	喷幅 Pattern width mm	接口直径 Air & Fluid connection	重量 Mass g
手控喷枪 Manual gun	COG-200-18S	吸取式 Suction	1.8	0.29		375	110	270	空气(Air) G1/4 液体(Fluid) G3/8	380
	COG-200-12	压送式 Pressure	1.2				150	265		
	COG-200-18		1.8				250	390		
自动喷枪 Automatic gun	COG-A200-12	压送式 Pressure	1.2	喷涂空气 (Atomizing air) 0.2 风扇空气 (Fan air) 0.15		275	150	265	空气(Air) G1/4 液体(Fluid) G3/8	500
	COG-A200-18		1.8				250	390		
高性能 自动喷枪 High performance automatic gun	COG-R200-12	压送式 Pressure	1.2	喷涂空气 (Atomizing air) 0.2 风扇空气 (Fan air) 0.15		275	150	265	空气(Air) Rc1/8 液体(Fluid) Rc1/8	310
	COG-R200-18		1.8				250	390		

安装尺寸图 Mounting dimensional drawing

自动喷枪
Automatic
gun



COG-A200



COG-R200

mm

型号	A	B	C	D(φ)	E	F	G	H	J	K	L	M	P
COG-A200	30.5	47.5	89	16	148.5	23.5	36	40.5	86	38	18	14.5	20
COG-R200	30.5	48	56	—	111	14.5	—	—	40	40	—	—	—

不锈钢加压罐(涂料罐型) Stainless Steel Pressure Tank (Paint tank type)

型号 Model	COT-3M
实际可用容量 Actual usable capacity	3 ℓ
搅拌方式 Mixing type	自动搅拌(气动马达) Automatic mixing (air motored)
空气调节器 Air regulator	附带 Attached
最高使用压力 Max pressure	0.4MPa(附带安全阀、排气阀) Safety Valve · Relief valve
使用温度范围 Operation temperature	5~40℃
液体排出口规格 Liquid outlet	G3/8 × 1个
空气供给口规格 Air inlet	G1/4
喷涂空气取出口规格 Outlet air connection	—
液体吸入口过滤器 Liquid filter	无 Not included
罐体内面加工 Internal surface	镜面加工 Mirror polished
内置容器 Inner container	不可使用 Disabled
气动马达型号 Model of air motor	AM-7(小型)
罐容量指示计 Level gauge	无 Not included
总长 × 总宽 × 总高 Dimensions(L × W × H)	230 × 230 × 490mm
重量 Mass	6.7kg



COT-3M

特点 Features

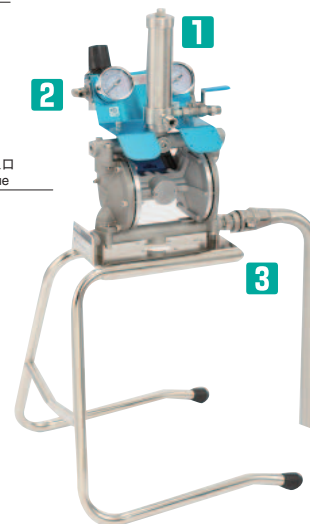
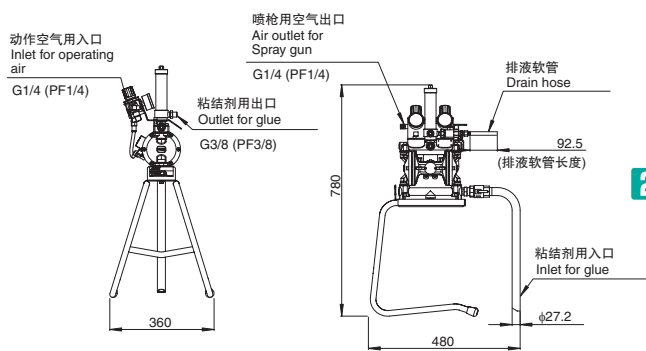


●COT-3M

罐体内面为镜面加工，材料附着少，提高了清洗性。
Cleaning efficiency is improved due to mirror polished interior surface.

粘结剂专用隔膜泵 Special Diaphragm Pump for Adhesive

型号 Model	CGP-90EN
适用粘度范围 mPa · s Viscosity range	200 ~ 30,000
使用空气压力范围 MPa Operating pressure range	0.15 ~ 0.6
排放量/1个周期 mℓ Output/Cycle	50
最大周期数 周期/min Max. cycle	200
最大吐出量 ℓ /min Max. output	10
所需压缩机 泵驱动作用空气 kW Required compressor For pump	0.4 ~ 0.75



特点

- 1 防脉动用腔室
缓和脉动引起的排放量变化。
- 2 喷涂空气用减压阀
仅需1个空气通道。
- 3 凸轮锁扣式吸气管
可直接插入至18ℓ罐。材料更换筒易化。

Features

- 1 Pulsation chamber
Reducing fluctuation of flow caused by pulsation.
- 2 Air regulator for gun attached
Only one air line needed.
- 3 Suction pipe with camlock connection.
Able to put suction pipe into eighteen liter drum directly.

用途示例-粘结剂喷涂系统 Adhesive application system

粘结剂专用喷枪
Spray gun for adhesive



氟内衬软管 PHF-620
Fluorine liner hose

不锈钢加压罐
Stainless steel tank



氮气发生装置 NM系列
Nitrogen gas generator



充填氮气
Nitrogen gas filling

工厂空气
Factory air

从粘结剂雾化、供给到工厂空气，可提供一套喷涂设备。

Able to propose application equipment from atomization and supply of adhesive to factory air.

各种供给设备(接单生产产品) Wide variety of feeding equipment(Built to order)



18L罐用
For 18L container

圆桶罐用
For pail can

不锈钢制隔膜泵升降台架式(附搅拌机) Stainless steel diaphragm pump with lifter stand (Agitator installed)

通过升降手柄，可升降盖子(整套含泵)的手动型。可轻松抬起材料补给及清洗时的泵。

Lid and pump can be lifted and put back by handle.
Easy to supply material and clean container.

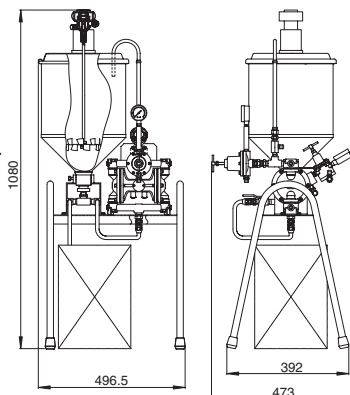
此外，还备有不锈钢加压罐升降台架式、内置气缸的升降式(ON、OFF按钮开关型)。

Option
Stainless steel pressure tank with lifter stand.
Tank lid and pump can be lifted and put back by air cylinder which is operated by ON-OFF switch.

中型隔膜泵 20L料斗式 (附搅拌机) Middle size diaphragm pump with 20L hopper (Agitator installed)

该供给泵采用20L料斗，无液体浪费。附搅拌机，可防止液体沉淀，并稳定供应。

Supplying fluid by 20L hopper.
Agitator prevents fluid from precipitating.

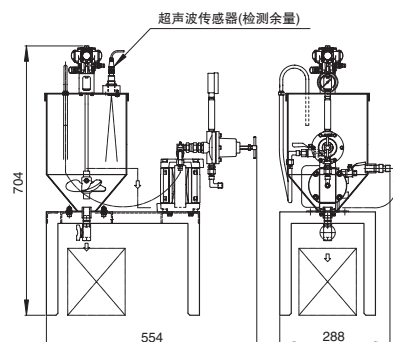


小型隔膜泵 5L料斗式 (附搅拌机) Small size diaphragm pump with 5L hopper (Agitator installed)

该供给泵不会造成浪费，供给小于5L的少量液体。搅拌空气可防止沉淀。

Supplying small amount of fluid efficiently by 5L hopper.

该供给泵不会造成浪费，供给小于5L的少量液体。搅拌空气可防止沉淀。

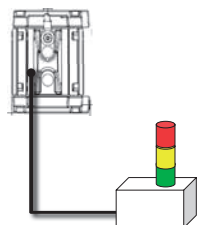


HDP-705C-ST2隔膜泵安装有超声波传感器来检测5L料斗内的余量。

HDP-705C-ST2 Diaphragm pump has ultra sonic sensor to detect remaining amount in 5L hopper.

隔膜泵的运行管理功能 Checking of diaphragm pump operation

Checking of diaphragm pump operation



隔膜泵的空气驱动部分靠近外部，使用气动指针和传感器等可以远距离管理隔膜泵的换气(泵是否运行)状况。

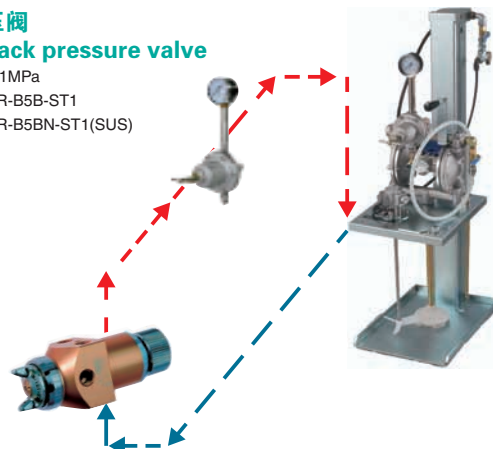
Using air indicator and sensor, accidental stopping of pump is detected from remote place.

●液用减压阀 ...Fluid regulator

0.25MPa
PR-5B-ST1
PR-5BN-ST1(SUS)

●背压阀 ...Back pressure valve

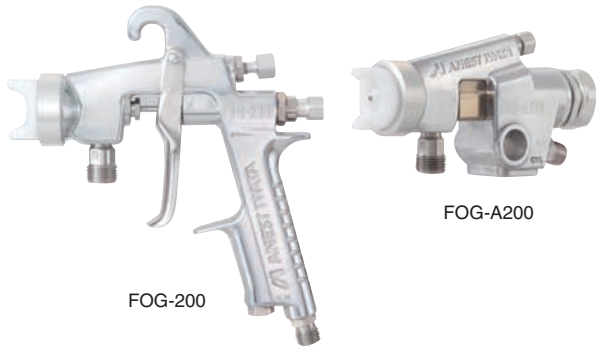
0.1MPa
PR-B5B-ST1
PR-B5BN-ST1(SUS)



食液喷涂用设备 Coating equipment for liquid related to food

食液专用喷枪 Spray gun for liquid related to food

本产品符合日本食品卫生法。采用各部分专用设计的零部件，提高了清洗性能。此外，采用了美国NSF标准H1润滑脂，即使不小心摄入人体也很安全。基于法律遵守、企业理念，推荐您使用的产品。
These guns complied with the Food Sanitation Act. Adopting special parts which are designed exclusively for these guns and improving cleaning performance. And also adapting NSF certified H1 grease, even if ingested accidentally, it wouldn't cause any injury. These guns are recommended to users who emphasis CRS and legal compliance.

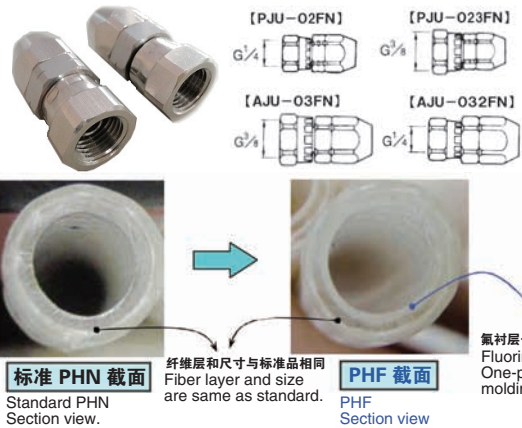


型号 Model	分类 Type	食油供给方式 Type of feed	喷嘴口径 Nozzle orifice φ mm	气孔型号 Air cap model	喷涂空气压力 Air pressure MPa	空气使用量 Air consumption l/min	喷出量 Flow rate ml/min	接口直径 Connection	重量 Wight g
FOG-200-15	手动型 Manual	压送式 吸取式	1.5	FOG-200	0.29	340	250	G1/4(空气) (Air)	400
FOG-A200-15	自动型 Automatic	Pressure Suction						G3/8(食液) (Liquid)	430

※上述喷涂条件是本公司规定的数值。
※食品市场中，为防止飞散，大幅降低空气量、空气压力喷涂是非常普遍的。
※Spaying conditions above are based on our company standard.
※Low air pressure and consumption are common in food manufacturing industry to prevent scatter of liquid.

不锈钢制软管接头/氟内衬软管 Stainless Steel Joint / Fluorine Liner Hose

SUS接头(Stainless Steel Joint)



型号 Model	材质 Material	可使用软管 Usable hoses	接口直径 Tread size	可使用软管详图 Inner dia. X outer dia.
PJU-02FN	接液部分 不锈钢	PHF-6	G 1/4	内径φ6.2 ~ 6.5mm × 外径φ9.3 ~ 9.5mm
PJU-023FN			G 3/8	
AJU-03FN	Wetted part: Stainless steel	PHF-8	G 3/8	内径φ8.7 ~ 9mm × 外径φ12mm
AJU-032FN			G 1/4	

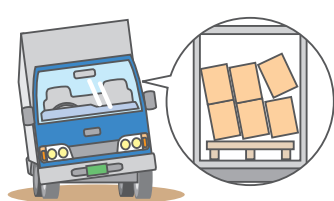
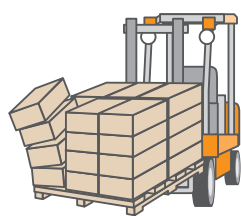
PHF氟内衬软管(PHF Fluorine Liner Hose)

型号 Model	长度 Length m	材质 Material	尺寸 Inner dia. × outer dia. mm	备注 Remarks
PHF-620	20m	外皮：聚氨酯 中间：尼龙 螺纹：聚酯 内衬：氟 Outer layer:Urethane Middle layer:Nylon Thread:Polyester Liner:fluorine	内径φ6.2 × 外径φ9.3	※接单生产 Built to order
PHF-6100	100m		内径φ8.7 × 外径φ12	※接单生产 Built to order
PHF-820	20m			
PHF-8100	100m			

※氟内衬软管通过了日本食品卫生协会的测试。
※关于PHF-6100/8100的交货期，请咨询分部或营业所。
※Fluorine liner hose is certified by the Japan food hygiene association.
※Contact our sales branches about lead time of PHF-6100/8100.

条件根据实际喷涂的食液而异，请咨询本公司可否使用。 Contact us to figure out your material is used or not.

防货物倒塌粘结剂喷涂装置 Liquid application system to prevent packages from collapsing or slipping



大量垃圾废弃物
焚烧时产生CO₂



大幅减少工厂内叉车、卡车等运输时的振动、倾斜引起的货物倒塌，地震造成的仓库内部装载货物损伤等。

Preventing load shift during transportation by forklift and truck.
Reducing potential accidents caused by falling packages from high rack by earthquake.

○水平方向耐滑，解开货物时可轻松向垂直方向拆卸。

○硬纸板箱、牛皮纸袋表面不留下任何痕迹，不损坏包装。

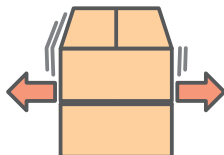
High shear strength prevents packages from side to side movement and low tensile strength allows packages to be separated easily.
No damage on the package surface such as cardboard box and heavy duty kraft paper bag.

(水平方向)

粘接力强、不侧滑

In horizontal direction

Eliminating sliding movement
by high shear strength.

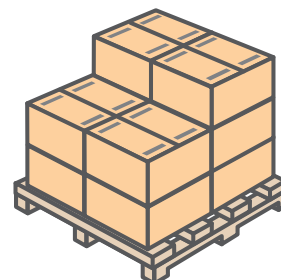


(垂直方向)

粘接力弱、易拆卸

In vertical direction

Allowing being separated easily
by low tensile strength.



【特点】

●环保

不产生胶带、拉伸薄膜等废弃物。

●低成本

极少喷涂量便可发挥防倒塌效果，可以降低运行成本。

●作业效率化

粘结剂喷涂作业自动化，提高了作业效率。

●设置简单

可轻松设置在现有生产线上。

○纸袋、塑料袋

肥料、饲料、树脂(材料)、水泥、制粉等

○硬纸板箱

食品、饮料、制药、纤维、水产、普通产业等

Feature

●eco-friendly

No waste such as tape, stretch film etc.

●Low cost

Reducing running cost with high performance being achieved by small amount of adhesive.

●Streamlining working process

Improving working efficiency by introducing automated coating system

●Easy to install

Being installed easily on the existing line

○Paper bag · Plastic bag

Fertilizer/Feedstuff/Resin/Cement/Milling

○Cardboard box

Food/Beverage/Textile/Pharmaceutical/Fishery/General industries

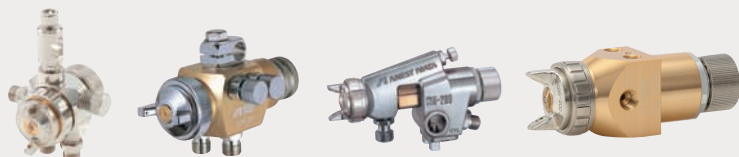
根据喷涂材料、使用用途选择设备。

ANEST IWATA can select the best solution to meet applications and coating materials.

●喷涂设备 Coating equipment

可选择最适合不同喷涂面、液剂的喷涂设备。

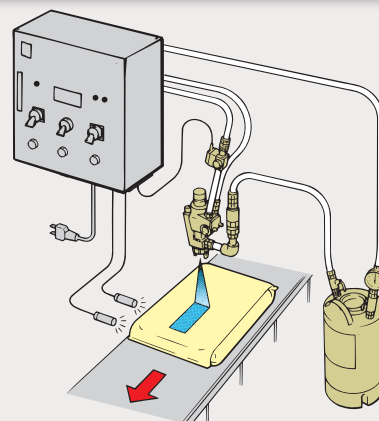
Available to select optimum coating equipment to meet coating material and substrate



●供给设备 Supply equipment

可选择适合液剂特性的供给设备。

Available to select optimum supply equipment to meet the property of coating materials



●控制装置 Control system

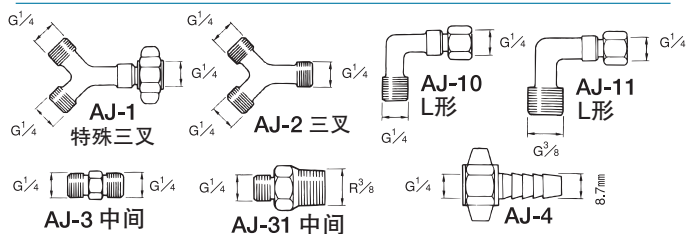
可制作与客户生产形态相应的控制系统。

Fabricates to meet customer's coating process.



控制规格 Control specification	A型 A type	B型 B type	C型 C type
1. 喷涂模式切换(交替、连续) Coating mode change (Alternate/Continuous)	○	×	×
2. 保持喷涂工件的检测 Work detection hold	○	×	×
3. 设定工件数量(下中层、上层) Work quantity set	○	○	×
4. 传送带联动 Conveyor control	○	○	○
5. 液体余量警报 Remaining volume warning	○	○	○
6. 变更延迟、喷涂时间 Coating time/Delay time change	○	○	○
7. 触摸屏 Touch panel	○	○	×
8. 顺控器规格 Sequencer	○	○	○

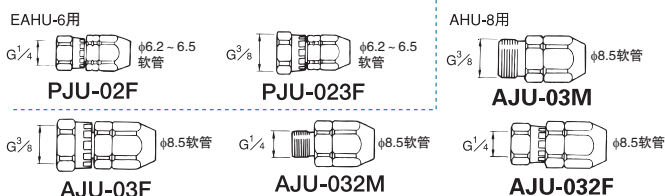
空气用接头



气阀

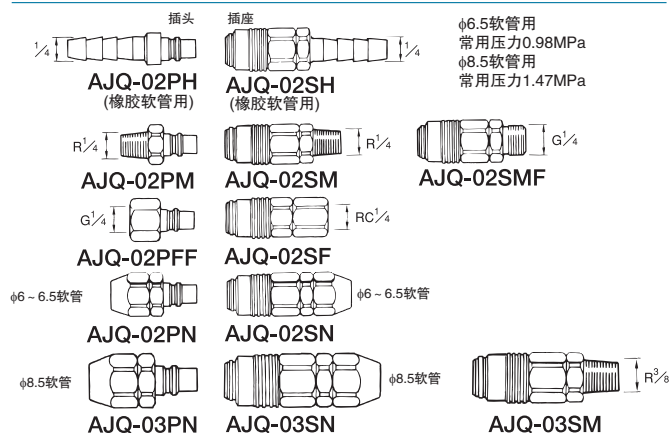


聚氨酯空气软管用接头



※以往的聚氨酯空气软管(AHU-6)用接头AJU-02F、AJU-02M。

空气用快速接头 (※1)



(※1) ●空气软管专用。绝对不可用于涂料软管。

●不利用接地线时，可按原来方式，不露出接地线，插入接头即可。但是，为了使用中不搞错哪个是不利用接地线的软管，哪个是利用接地线的软管，请务必加以识别。

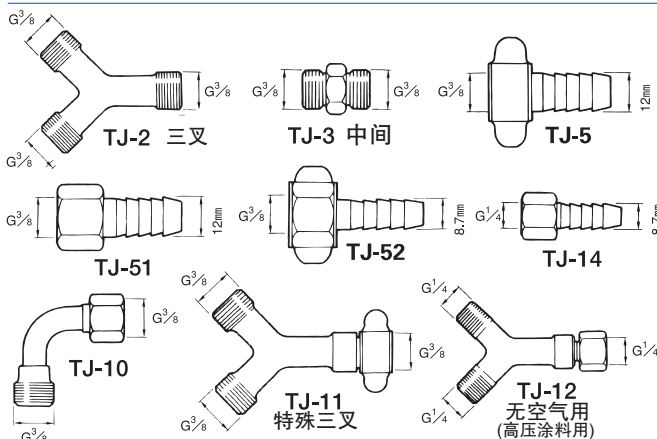
空气软管 (※2)

型号	材质	内径 × 外径 × 长度	最高使用压力
EAHU-620	带接地线 聚氨酯	φ6.2 × φ9.3 × 20m	1.47MPa
EAHU-630		φ6.2 × φ9.3 × 30m	
EAHU-650		φ6.2 × φ9.3 × 50m	
EAHU-6100		φ6.2 × φ9.3 × 100m	
EAHU-820		φ8.5 × φ12 × 20m	
EAHU-8100	聚氨酯	φ8.5 × φ12 × 100m	1.47MPa
AHU-820B		φ8.5 × φ12 × 20m	
AHU-830B		φ8.5 × φ12 × 30m	
AHU-850B		φ8.5 × φ12 × 50m	
AHU-8100B		φ8.5 × φ12 × 100m	

注意 带接地线空气软管使用注意事项(※2)

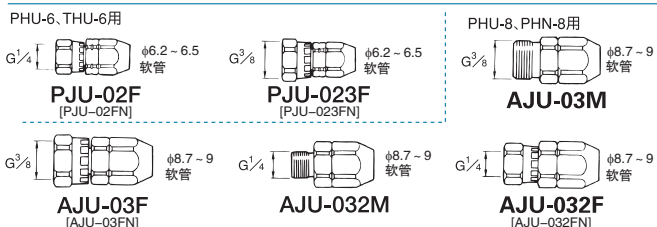
- 该软管带接地线，连接的设备必须接地。
- 不管是否利用接地线，都绝对不可用作低电阻涂料用静电喷涂机・使用绝缘台的供给泵的空气软管。这种情况下，请将聚氨酯空气软管(AHU-8)或涂料软管(PHU、PHN)用作空气软管。
- 利用接地线时，请按照使用说明书中接地线的连接方法，定期用万用表检查导通情况。软管发生老化・断线等时，请绝对不要使用，立即更换新的软管。
- 空气软管专用。绝对不可用于涂料软管。
- 不利用接地线时，可按原来方式，不露出接地线，插入接头即可。但是，为了使用中不搞错哪个是不利用接地线的软管，哪个是利用接地线的软管，请务必加以识别。

涂料用接头



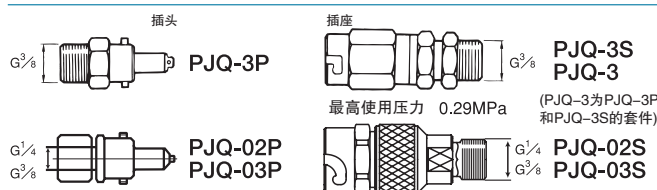
JIS规格(以往规格)
G $\frac{1}{4}$ (PF $\frac{1}{4}$)
G $\frac{3}{8}$ (PF $\frac{3}{8}$)
R $\frac{1}{4}$ (PT $\frac{1}{4}$ 外丝)
RC $\frac{1}{4}$ (PT $\frac{1}{4}$ 内丝)
R $\frac{3}{8}$ (PT $\frac{3}{8}$ 外丝)

涂料软管用接头



※[]内为不锈钢式样。

涂料用快速接头



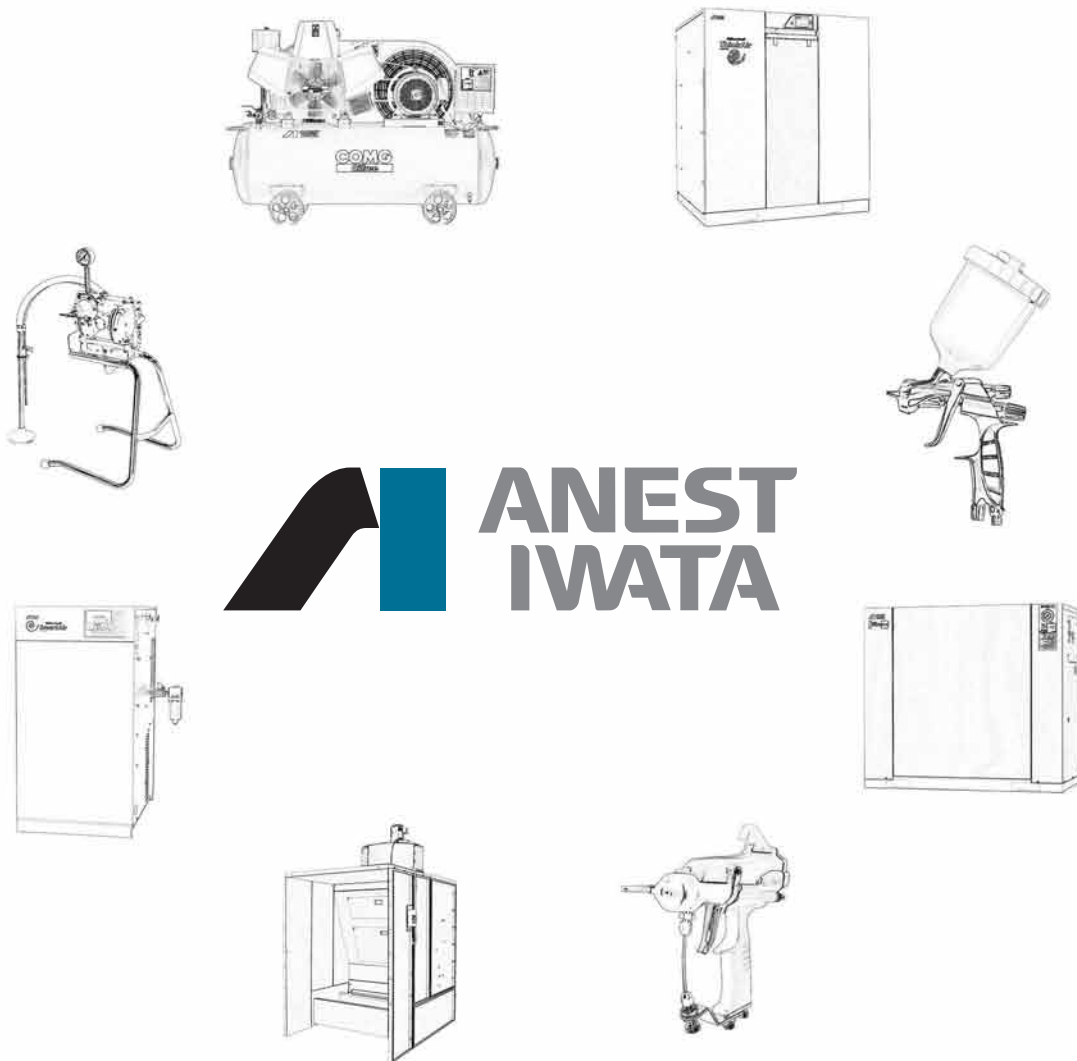
涂料软管 (※3)

型号	材质	内径 × 外径 × 长度	最高使用压力
PHU-620	聚氨酯	φ6.2 × φ9.3 × 20m	0.69MPa
PHU-6100		φ6.2 × φ9.3 × 100m	
PHU-820		φ8.7 × φ12 × 20m	
PHU-8100		φ8.7 × φ12 × 100m	
PHN-620	尼龙	φ6.5 × φ9.5 × 20m	0.69MPa
PHN-6100		φ6.5 × φ9.5 × 100m	
PHN-820		φ8.9 × φ12.1 × 20m	
PHN-8100		φ8.9 × φ12.1 × 100m	
PHF-620	聚氨酯 内部氟树脂 内衬	φ6.5 × φ9.5 × 20m	0.69MPa
PHF-6100		φ6.5 × φ9.5 × 100m	
PHF-820		φ8.9 × φ12.1 × 20m	
PHF-8100		φ8.9 × φ12.1 × 100m	
THU-620	聚氨酯 (两根)	φ6.2 × φ9.3 × 2 × 20m	0.69MPa
THU-6100		φ6.2 × φ9.3 × 2 × 100m	

※THU-6成对软管的空气用管含橙色线，并印有型号。

注意 涂料软管选型时的注意事项(※3)

- 酮系溶剂、二液反应型涂料、聚氨酯涂料等的溶解力较强，易反应的涂料及稀释剂会使软管破裂，导致涂料飞溅，很危险，因此不可使用聚氨酯涂料软管(PHU、THU)。这种情况下请使用尼龙涂料软管(PHN)。



■咨询事宜

阿耐思特岩田产业机械(上海)有限公司
ANEST IWATA (SHANGHAI) Corporation

地址：上海市虹桥路808号
(加华商务)A6103室
电话：021-6407-9713/9715/9716
传真：021-6407-9723

<http://www.anest-iwata.co.jp>
<http://www.anest-iwata-sh.com>

天津分公司
地址：天津市河西区南京路20号金皇大厦2718室
电话：022-2302-9035/9036 传真：022-2302-9037

长春分公司
地址：长春市景阳大路2288号 华天大酒店1702室
电话：0431-8766-3376 传真：0431-8766-3370

广州分公司
地址：广州市天河区体育东路138号金利来数码网络大厦2901室
电话：020-3826-4057 传真：020-3826-4983

东莞事务所
地址：东莞市长安镇霄边大街208号中惠阳光国际商城1栋05H
电话：020-3826-4057 传真：020-3826-4983

大连事务所
地址：大连开发区城润万家1号凯旋国际大厦A607
电话：0411-39264701 传真：0411-39264702

重庆事务所
地址：重庆市江北区建新北路38号3幢17-2室(世纪英皇南塔)
电话：023-6704-3844 传真：023-6710-5549

武汉事务所
地址：武汉市江汉区新华下路菱角湖万达广场A3写字楼1612室
电话：027-8542-9126 传真：027-8585-0358

西安分公司
地址：西安市朱雀大街132号阳阳国际广场B座2509室
电话：029-6222-1498 传真：029-6222-1489