

 **MANOLI**[®]

明麗噴槍



明麗致力打造高品质空气喷枪品牌

MANOLI devotes herself to a brand for high quality spray guns.

スプレーガン
SPRAY GUN

公司简介

Company Profile

明丽机械，是一家专业制造高端空气喷枪的企业。拥有先进的技术，专业的设备，完美的管理，高质量的售后服务以及专业的研发团队。公司以“致力打造高品质空气喷枪”为宗旨，为客户提供高品质的喷枪和专业的涂装解决方案。

公司将“MANOLI”作为旗下的主打品牌，同时注重产品的多元化、可定制性。能够根据客户的要求开发满足客户特殊要求的产品，如针咀通过特殊处理的陶瓷喷枪、针咀为特殊合金材质的特氟龙喷枪、防指纹油喷枪、高强度耐腐蚀不锈钢喷枪等。

我们提供的不仅仅只是产品，还有更优质的服务和专业的解决方案，秉持“以诚信赢得美誉，以品质求得发展”的品牌核心理念，体现国际化企业的特征，坚持拼搏奋进，争创一流信念，与国内外客户精诚合作，为其提供优质的产品与服务。

MANOLI machinery, is an enterprise who professionally manufactures high-end air spray guns with advanced technology, professional machines, perfect management, high quality after-sales service and a professional research and development team. The company offers customers high quality spray guns and professional solutions to painting, aiming at the concept, “Devoting herself to manufacturing high-end air spray guns”.

“MANOLI” is the main brand of MANOLI machinery who also focuses on a diversity of products and customized OEM products. As required, develop special products for our customers, such as ceramic spray guns with the specially processed needle and nozzle, Teflon spray guns with the needle and nozzle made of special alloy, anti-fingerprint spray guns and highly anti-corrosion stainless steel spray guns.

We supply not only products, but also superior services and professional solutions. With the core idea, “Gain a good reputation with integrity and develop with high quality”, she shows her international enterprise’s characteristics, perseveres, sincerely cooperates with domestic and overseas customers and offers superior products and services.

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W-71 系列 Series

■ 传统高雾化技术，通用型喷枪

General purpose spray gun with conventional high atomization technology



W-71-P 压送式
Pressure feed type



W-71-G



W-71-S

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kg/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-71-08P	压送式 Pressure	0.8	200	0.34(3.5)	240	200	190	450
W-71-11P		1.0			230	300	265	
W-71-21P		1.3			215	450	377	
W-71-31P		1.5			205	550	452	
W-71-11G	重力式 Gravity	1.0	200	0.29(3.0)	75	110	120	
W-71-21G		1.3			195	160	165	
W-71-31G		1.5			230	190	185	
W-71-41G		1.8			230	220	220	
W-71-11S	吸上式 Suction	1.0	200	0.29(3.0)	75	95	100	
W-71-21S		1.3			195	140	155	
W-71-31S		1.5			230	170	170	
W-71-41S		1.8			230	195	195	

功能与特点:

- 喷嘴和顶针为加硬处理，硬度高，耐磨损，可延长使用寿命。
- 喷嘴可拆下清洗，喷枪设有快速进气接口。
- 用于家具、家电、汽车、钢琴、塑料件等精美表面的喷漆。

Functions and features:

- The fluid nozzle and fluid needle which are hardened, are hard and anti-wear, and can lengthen their working life;
- The fluid nozzle can be taken apart and cleaned and the spray gun has an air nipple which makes air come in quickly;
- Suitable for perfect finishes of products, such as furniture, household appliances, automobiles, pianos and plastic workpieces.

☆ W-71吹付距离为200mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口和空气入口均为1/4PF/NPF。
W-71 ●Spray distance: 200mm；●Paint viscosity: 20±1 sec./NK-2；●Paint pressure: 0.8kg/cm²；●Fluid nipple: PF/NPF 1/4；●Air nipple: PF/NPF 1/4

W-77 系列 Series

■ 中型噴槍——适合于中粘度涂料（底漆）、粘合剂的噴槍
Medium type spray gun for medium-viscosity paint (primer) and adhesives



W-77-P 壓送式
Pressure feed type



W-77-G



W-77-S

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-77-02	压送式 Pressure	1.2	250	0.34(3.5)	430	480	380	535
W-77-11G	重力式 Gravity	1.5	250	0.34(3.5)	290	270	290	
W-77-21G		2.0			360	440	320	
W-77-31G		2.5			460	520	330	
W-77-41G		3.0			460	550	350	
W-77-11S		吸上式 Suction			1.5	250	0.34(3.5)	
W-77-21S	2.0		360	370	290			
W-77-31S	2.5		460	440	300			
W-77-41S	3.0		460	480	330			

功能与特点：

- 喷嘴和顶针为加硬处理，硬度高，耐磨损，可延长使用寿命。
- 喷嘴可拆下清洗，喷枪设有快速进气接口。
- 主要适合中高粘度喷涂，用于家具、家电、汽车、钢琴、塑料件等大型部件表面的喷漆。

Functions and features:

- The fluid nozzle and fluid needle which are hardened, are hard and anti-wear, and can lengthen their working life;
- The fluid nozzle can be taken apart and cleaned and the spray gun has an air nipple which makes air come in quickly;
- Most suitable for medium-viscosity or high-viscosity paint and large workpieces, such as furniture, household appliances, automobiles, pianos and plastic workpieces.

☆ W-77吹付距离为250mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口为3/8空气入口为1/4PF/NPF。
W-77 •Spray distance: 250mm; •Paint viscosity: 20±1 sec./NK-2; •Paint pressure: 0.8kg/cm²; •Fluid nipple: PF/NPF3/8; •Air nipple: PF/NPF1/4

W-101 系列 Series

■ 轻量化，具有完美喷涂效果的喷枪
Lightweight type spray gun with a perfect atomization effect



W-101-P 压送式
Pressure feed type



W-101-G



W-101-S

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料 喷出量 Fluid output ml/min	喷幅 Pattern width mm	高微粒化 High atomization	高微粒化 Required air compressor kw	重量 Weight g
W-101-082P	压送式 Pressure	0.8	E2P	0.29(3.0)	270	150	190	●	1.5	315
W-101-102P		1.0			270	200	220			
W-101-132P		1.3		0.24(2.5)	220	200	210			
W-101-152P		1.5			220	250	240			
W-101-102G	重力式 Gravity	1.0	E1	0.24(2.5)	75	95	130	/	0.4~0.75	
W-101-132G		1.3	H2	0.24(2.5)	225	160	175	●	0.75~1.5	
W-101-134G		1.3	H4	0.2(2.0)	210	155※	205※	●	1.5	
W-101-152G		1.5	H2	0.24(2.5)	225	190	190	●		
W-101-182G	1.8	N1	0.24(2.5)	170	240	190	/			
W-101-102S	吸上式 Suction	1.0	E1	0.24(2.5)	75	85	120	/	0.4~0.75	
W-101-132S		1.3	H2	0.24(2.5)	225	150	160	●	0.75~1.5	
W-101-134S		1.3	H4	0.2(2.0)	210	140※	180※	●		
W-101-152S		1.5	H2	0.24(2.5)	225	170	175	●		
W-101-182S		1.8	N1	0.24(2.5)	170	210	170	/	1.5	

功能与特点:

- 空气枪帽内的涂料粘附减小，使喷涂更均匀，喷涂形状稳定。
- 涂料通道皆为不锈钢材质，喷嘴和顶针采用高级不锈钢材质，适合喷水性涂料。
- 适合喷油漆、涂料、环氧树脂、胶水、工作油等各种喷涂液体。主要用于汽车修补、木工、家具、金属喷涂用。

Functions and features:

- A reduction of paint adhering to the inside of the air cap makes atomization more uniform and achieves a steady spray pattern;
- All fluid passages are made of stainless steel and the fluid nozzle and fluid needle are made of first-class stainless steel, so the spray gun is suitable for waterborne paint;
- Suitable for a variety of fluids including oil paint, epoxy resins, glues and working oils, and most suitable for car repairs, woodworking, furniture and metal.

☆ W-101吹付距离为200mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口和空气入口均为1/4PF/NPF。
W-101 ●Spray distance: 200mm; ●Paint viscosity: 20±1 sec./NK-2; ●Paint pressure: 0.8kg/cm²; ●Fluid nipple: PF/NPF1/4; ●Air nipple: PF/NPF1/4

W-201 系列 Series

■ 中型噴槍——適用大面積噴塗、底漆噴塗的噴槍
Medium type spray gun for large painting operation and primer



W-201-P 压送式
Pressure feed type



W-201-G



W-201-S

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-201-122P	压送式 Pressure	1.2	G2P	0.29(3.0)	560	500	400	400
W-201-152P		1.5			620	900	400	
W-201-152G	重力式 Gravity	1.5	K2	0.29(3.0)	330	270	320	600
W-201-182G		1.8			330	320	380	
W-201-202G		2.0			360	410	320	
W-201-252G		2.5			360	510	310	
W-201-152S	吸上式 Suction	1.5	K2	0.29(3.0)	330	240	290	720
W-201-182S		1.8			330	290	340	
W-201-202S		2.0			360	350	290	
W-201-252S		2.5			360	440	280	

功能与特点:

- 多种口径可选择，适合大面积底漆喷涂，效率高。
- 纯铜雾化帽，质量稳定，不易变形，喷涂雾化更加细腻，空气流通更快。中型底漆枪，漆膜厚，效率高。
- 适合喷水性漆、油漆、涂料、环氧树脂、胶水、工作油等各种喷涂液体。

Functions and features:

- There are multiple nozzle sizes for you to choose.
- The spray gun is suitable for painting operation for large area or to spray primer, and has high transfer efficiency. Its air cap made of pure copper has a steady quality and it is not easy to make its shape change. It has fine atomized paint particles and air circulates faster.
- The medium type spray gun for primer, featuring a thick paint film and high efficiency, is suitable to spray various coatings and liquids, such as waterborne paint, oily paint, coatings, epoxy resin, glue, working oil, etc..

☆ W-201吹付距离为250mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口为3/8空气入口为1/4PF/NPF。
W-201 ●Spray distance: 250mm; ●Paint viscosity: 20±1 sec./NK-2; ●Paint pressure: 0.8kg/cm²; ●Fluid nipple: PF/NPF3/8; ●Air nipple: PF/NPF1/4

MAL-H1 系列 Series

- 轻量化，具有完美喷涂效果的喷枪
Lightweight spray gun with a perfect atomization effect



MAL-H1-P 压送式
Pressure feed type



MAL-H1-G



MAL-H1-S

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kg/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-H1-082P	压送式 Pressure	0.8	200	0.24(2.4)	150	150	190	330
MAL-H1-102P		1.0				170	220	
MAL-H1-132P		1.3				170	230	
MAL-H1-152P		1.5			200	200	240	
MAL-H1-182P		1.8				200	240	
MAL-H1-102G	重力式 Gravity	1.0	200	0.2(2.0)	225	170	200	
MAL-H1-132G		1.3				200	240	
MAL-H1-152G		1.5				200	240	
MAL-H1-182G		1.8				200	240	
MAL-H1-102S	吸上式 Suction	1.0	200	0.2(2.0)	225	170	200	
MAL-H1-132S		1.3				200	240	
MAL-H1-152S		1.5				200	240	
MAL-H1-182S		1.8				200	240	

功能与特点:

- 采用低压低空气量，减少润色和涂面修整喷涂。
- 由于喷涂空气压力的下降，减少喷雾飞溅，可节省涂料 10%左右。喷幅大。
- 枪体轻，扳机压力轻柔。
- 适用范围广泛。

Functions and features:

- Reduce touch-ups and refinishing due to low pressure and low air volume;
- With a reduction of spraying air pressure, reduce overspray and save approximately 10% paint; A large pattern width;
- A lightweight gun body coupled with a smaller triggering load;
- Widely used in a variety of products and industries.

☆ MAL-H1吹付距离为200mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口和空气入口均为1/4PF/NPF。
MAL-H1 ●Spray distance: 200mm; ●Paint viscosity: 20±1 sec./NK-2; ●Paint pressure: 0.8kg/cm²; ●Fluid nipple: PF/NPF1/4; ●Air nipple: PF/NPF1/4

MAL-H2 系列 Series

■ 中大型喷枪，适用于宽面积喷涂的喷枪，尤其适用于门业
 Medium and large type spray gun for wide painting size, especially suitable for door industry



**MAL-H2-P 压送式
Pressure feed type**



MAL-H2-G



MAL-H2-S

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-H2-102P	压送式 Pressure	1.0	200	0.24(2.4)	380	200	210	520
MAL-H2-122P		1.2						
MAL-H2-152P		1.5						
MAL-H2-102G	重力式 Gravity	1.0	200	0.29(3.0)	280	100	170	780
MAL-H2-122G		1.2				140	230	
MAL-H2-152G		1.5				240	300	
MAL-H2-182G		1.8			290	320	280	
MAL-H2-102S	吸上式 Suction	1.0	200	0.29(3.0)	280	100	170	720
MAL-H2-122S		1.2				140	230	
MAL-H2-152S		1.5				240	300	
MAL-H2-182S		1.8			290	320	280	

功能与特点：

- 适应复杂的使用环境，采用了钨钢枪针，极大的提高了使用寿命。
- 适用于门业，家电，塑胶，汽车等大面积喷涂行业。

Functions and features:

- The spray gun is used in a complex painting operation, whose needle is made of tungsten and greatly prolongs its working life.
- Suitable for large-scale spraying industries, such as door industry, household appliances, plastic, and automobiles.

☆ MAL-H2吹付距离为200mm；涂料粘度为20秒/NK-2；涂料入口为3/8，空气入口为1/4PF/NPF。

MAL-H2 blowing distance is 200mm; The viscosity of the coating is 20 seconds/NK-2; The paint inlet is 3/8, and the air inlet is 1/4PF/NPF

LPH-101 系列 Series

■ 轻量化，低压环保型喷枪

Lightweight, low-pressure and environmental-protection spray gun



LPH-101-P 压送式
Pressure feed type

功能与特点:

- 由于喷盖内空气压力只有 0.7bar 以下，从而减少了喷雾飞溅，使涂料附着率高，可省涂料 20% 到 30%。
- 喷幅大，雾化效果好。
- 适合喷金属粉末涂料，能将金属粉均匀显示出来，不会沉淀。
- 适合喷油漆、涂料、环氧树脂、胶水、工作油等各种喷涂液体，主要用于汽车修补、木工、家具、金属喷涂用。

Functions and features:

- The air pressure in the air cap is less than 0.7bar, resulting in less overspray and high transfer efficiency, so that paint consumption is reduced by from 20% to 30%;
- A large pattern width and an optimum atomization effect;
- Suitable for metal powders, which can be applied uniformly by the spray gun and won't be deposited;
- Suitable for a variety of fluids including oil paint, epoxy resins, glues and working oils, and most suitable for car repairs, woodwork, furniture and metal.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
LPH-101-101P	压送式 Pressure	1.0	E1	0.26(2.7)	430	150	200	320
LPH-101-122P		1.2	G2		530	300		

☆ LPH-101吹付距离为200mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口和空气入口均为1/4PF/NPF。
LPH-101 •Spray distance: 200mm; •Paint viscosity: 20±1 sec./NK-2; •Paint pressure: 0.8kg/cm²; •Fluid nipple: PF/NPF1/4; •Air nipple: PF/NPF1/4

LPH-200 系列 Series

■ 低压环保喷枪

Low pressure environment-protection spray gun

功能与特点:

- 雾化帽采用低压雾化技术，并进行改良实现了喷枪的高雾化性能。
- 可节约 20-30%的涂料使用量，降低涂装成本。低反弹，更容易到达被喷涂物上。喷涂效率更高。
- 适用范围：适用于汽车涂装、木工家具涂装、金属涂装、塑料制品涂装、手工模型、DIY 制作等。

Functions and features:

- The air cap uses low-pressure atomization technology and has been improved to achieve high atomization performance of the spray gun.
- It can save 20 - 30% of paint to reduce painting costs. Low bounce-back makes paint easier to be sprayed on workpieces. It has high painting efficiency.
- Suitable for automobiles, wood, metal, plastic, manual modeling, DIY production, etc.



LPH-200-P 压送式
Pressure feed type

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
LPH-200-082P	压送式 Pressure	0.8	G2	0.2(2.0)	470	155	200	375
LPH-200-102P		1.0				300	250	
LPH-200-122P		1.2				500	300	
LPH-200-152P		1.5				600	400	

☆ LPH-200吹付距离为200mm；涂料粘度为20秒/NK-2；涂料入口为3/8，空气入口为1/4PF/NPF。

LPH-200 blowing distance is 200mm; The viscosity of the coating is 20 seconds/NK-2; The paint inlet is 3/8, and the air inlet is 1/4PF/NPF

W-400/WS-400/LS-400 系列 Series

■ 大型中心杯喷涂枪

Large type spray gun with a center cup



W-400



WS-400



LS-400

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-400-122G	重力式 Gravity	1.2	LV2	0.2~0.29 (2.0~3.0)	280~370	140~160	230~250	640
W-400-142G		1.4				210~265	280~320	
W-400-162G		1.6				240~310	300~340	
W-400-182G		1.8	290~380			320~400	280~320	
W-400-252G		2.5						
WS-400-132G	重力式 Gravity	1.3	WS-400-1	0.2(2.0)	370	220	265	640
WS-400-142G		1.4				240	270	
WS-400-152G		1.5				260	275	
LS-400-122G	重力式 Gravity	1.2	LS-400-05	0.18(1.8)	400	150	260	640
LS-400-132G		1.3				160	265	
LS-400-142G		1.4				170	270	
LS-400-152G		1.5				180	275	

功能与特点:

- 中心平衡好，手感轻巧，雾化分散好。
- 专用雾化帽设计使得喷幅平整，实现了高效喷涂，容易维护保养，喷幅更宽喷嘴及接液部分采用不锈钢，完全适用水性涂料。
- 喷壶自带过滤网，减少喷嘴堵塞。
- 适用于：汽车维修、汽车修补专用、亮漆中高粘度用、底漆高粘度用。

Functions and features:

- Good center balance, lightweight gun body, and its atomization has uniform dispersion.
- Air cap with a special design makes pattern width smooth and achieves efficient painting and easy maintenance. Its pattern width is wider, and its nozzle and other paint passage, made of stainless steel, are fully suitable for waterborne coatings.
- Its paint cup with a built-in filter reduces its nozzle to be clogged.
- Suitable for automotive repair, medium or high-viscosity varnish and high-viscosity primer.

☆ 吹付距离为250mm；涂料粘度为20±1秒/NK-2；压送的涂料压力为0.8kg/cm²；涂料入口为M16X1.5空气入口为1/4PF/NPF。

● Spray distance: 250mm; ● Paint viscosity: 20±1 sec./NK-2; ● Paint pressure: 0.8kg/cm²; ● Fluid nipple: M16X1.5; ● Air nipple: PF/NPF 1/4

W-101R 系列 Series

■ 手动丸吹喷枪

Manual round painting spray gun



W-101R

功能与特点:

- 有省压省涂料的特点, 大大降低了喷涂成本, 减少了对环境的污染。
- 有高达效率, 雾化精细, 轻松的做到卓越的漆膜涂装效果。
- 各零件组装简便, 喷盖可快速更换, 易于拆卸清洗。
- 精密的零件材质, 坚固耐用, 抗腐蚀, 抗磨损, 使用寿命长。

Functions and features:

- The characteristics of reducing air pressure and coating make spray gun greatly decrease spraying costs and environmental pollution.
- Its high transfer efficiency and fine atomized paint particles achieve excellent paint film effects.
- All parts of spray gun are easy to assemble. Air cap can be changed quickly and cleaned easily.
- Precision parts of spray gun are sturdy and durable, corrosion-resistant, wear-resistant, and have a long service life.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-101-05R	压送式 Pressure	0.5	05R	0.29(3.0)	270	120	40	320
W-101-10R		1.0	08R				75	
W-101-13R		1.3		0.24(2.5)	220	200	90	

☆ W-101R吹付距离为200mm; 涂料粘度为20±1秒/NK-2; 压送的涂料压力为0.8kg/cm²; 涂料入口和空气入口均为1/4PF/NPF。
W-101R • Spray distance: 200mm; • Paint viscosity: 20±1 sec./NK-2; • Paint pressure: 0.8kg/cm²; • Fluid nipple: PF/NPF 1/4; • Air nipple: PF/NPF 1/4

SGD-W-101 系列 Series

■ 手动乱丝撒点喷枪

Manual disheveled spray gun

功能与特点:

- 采用特殊结构的枪帽, 可喷出乱丝状、散点状、染布状及梨形图案的喷枪。
- 适用于美术、工业、木制品、布料图案的喷涂。
- 各零件组装简便, 喷盖可快速更换, 易于拆卸清洗。
- 精密零件材质, 坚固耐用, 抗腐蚀, 抗磨损, 使用寿命长。

Functions and features:

- With special air caps, the spray gun can apply disheveled patterns, spattering patterns, dyeing cloth patterns and pear peel patterns.
- Suitable for arts and crafts, industry, woodwork and cloth patterns.
- All parts of spray gun are easy to assemble. Air cap can be changed quickly and cleaned easily.
- Precision parts of spray gun are sturdy and durable, corrosion-resistant, wear-resistant, and have a long service life.



SGD-W-101

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	重量 Weight g
SGD-W101-08P	压送式 Pressure	0.8	200	0.2(2.0)	80	150	295
SGD-W101-13P		1.3				230	

☆ SGD-W101吹付距离为200mm; 涂料粘度为20±1秒/NK-2; 压送的涂料压力为0.8kg/cm²; 涂料入口和空气入口均为1/4PF/NPF。
SGD-W101 • Spray distance: 200mm; • Paint viscosity: 20±1 sec./NK-2; • Paint pressure: 0.8kg/cm²; • Fluid nipple: PF/NPF 1/4; • Air nipple: PF/NPF 1/4

RG-3L 系列 Series

■ 小型丸吹噴槍 Small type round pattern spray gun



RG-3L

功能与特点:

- 喷嘴和顶针采用不锈钢 SUS303 材质, 适合喷涂水性涂料。
- 使用操作方便, 油漆损耗低。
- 此款明丽手动喷枪有多种口径可供大家选择。
- 适用于塑胶模具(玩具)、织物图案、美术工艺、业余木工、汽车修补、皮革修补等涂料及染料的喷涂, 还可以用于汽车细微刮痕修补。

Functions and features:

- The fluid nozzle and fluid needle are made of stainless steel SUS303, which are suitable for waterborne paint;
- Convenient operation and low paint consumption;
- Several optional orifices of fluid nozzles;
- Suitable for plastic molds (toys), textile patterns, arts and crafts, amateur woodwork, car repairs, leather repairs, and car repairs for small scratches.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用空压机 Required air compressor kw	重量 Weight g
RG-3L-1	重力式 Gravity	0.4	0.24(2.4)	30	8	25	0.2~0.75	195
RG-3L-2		0.6		30	25	35		
RG-3L-3		1.0		50	55			

WL-50 系列 Series

■ 小型低压修补喷枪 Small type low pressure repair spray gun

功能与特点:

- 喷嘴和顶针采用不锈钢 SUS303 材质, 适合喷涂水性涂料。
- 采用低压低空气量, 减少润色和涂面修整喷涂时的多余漆雾, 提高了可作业性。
- 漆雾的低飞溅和回弹减少, 可保护喷漆作业人员的健康。
- 适用于织物图案、美术工艺、业余木工、汽车修补、皮革修补等涂料及染料的喷涂。另外, 此款手动喷枪还可以用于汽车细微刮痕修补。

Functions and features:

- The fluid nozzle and fluid needle are made of stainless steel SUS303 for waterborne paint;
- Reduce overspray of touch-ups and refinishing due to low pressure and low air volume;
- Little overspray and bounceback contribute to health protection of painters;
- Suitable for textile patterns, arts and crafts, amateur woodwork, car repairs, leather repairs, and car repairs for small scratches.



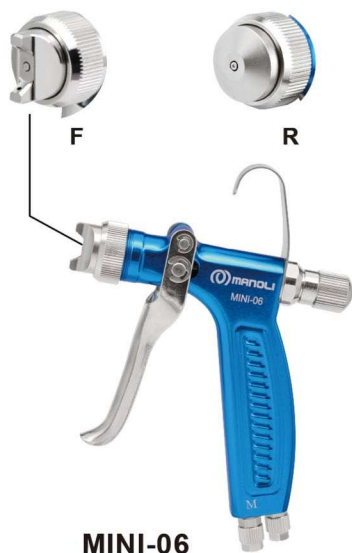
WL-50

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用空压机 Required air compressor kw	重量 Weight g
WL-50-042G	重力式 Gravity	0.4	0.09(0.9)	50	8※	40※	0.2~0.75	220
WL-50-062G		0.6			25※	60※		
WL-50-102G		1.0			55※	100※		

MINI-06/08/09 系列 Series

■ 水、油性脱模剂、水转印等专用喷枪

Specialized spray guns for waterborne, oil-based release agents, water transfer printing



MINI-06



MINI-08



MINI-09

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-06-03F/R	压送式 Pressure	0.3	F/R	0.2(2.0)	35	5	120	260
MINI-06-05F/R		0.5			40	20	160	
MINI-06-08F/R		0.8			45	40	170	
MINI-06-10F/R		1.0			50	60	180	
MINI-08-03F/R	压送式 Pressure	0.3	F/R	0.2(2.0)	35	5	120	268
MINI-08-05F/R		0.5			40	20	160	
MINI-08-08F/R		0.8			45	40	170	
MINI-08-10F/R		1.0			50	60	180	
MINI-09-03F/R	压送式 Pressure	0.3	F/R	0.2(2.0)	35	5	120	270
MINI-09-05F/R		0.5			40	20	160	
MINI-09-08F/R		0.8			45	40	170	
MINI-09-10F/R		1.0			50	60	180	

功能与特点:

- 本产品有 F(扇形) 和 R(圆形) 两种雾化方式, 可根据您的需求选择。
- 枪体小、重量轻、不堵塞、使用方便、维护简单、使用寿命长。
- 需要高雾化低风压的涂装均适用(低粘度涂料)。
- 适用于水性、油性模具离型剂(脱模剂)喷涂, 水转印活化剂喷涂, 冲床钢板微量油雾喷涂, 银镜涂料喷涂。

Functions and features:

- This product has two atomization methods, F (fan-shaped) and R (round), which can be selected as per your needs.
- Small, lightweight, unblocked, convenient to operate, easy to maintain and long-life;
- Suitable for painting operations with high atomization and low air volume for low-viscosity paint.
- Suitable for waterborne or oily mold release agents, water transfer printing activators, an ultra small amount of oil mists for punch plates, and silver mirror paint;

☆ MINI-06/08/09吹付距离为100-150mm; 涂料粘度为9±1秒/NK-2; 压送的涂料压力为0.8kg/cm²; 涂料入口和空气入口均为6×4。
MINI-06/08/09 ●Spray distance: 100-150mm; ●Paint viscosity: 9±1 sec./NK-2; ●Paint pressure: 0.8kg/cm²; ●Fluid nipple: 6×4; ●Air nipple: 6×4

MINI-10/20 系列 Series

自动微量喷枪系列 Ultra small type automatic spray gun series



MINI-10



MINI-20

功能与特点:

- 枪体小、重量轻、不堵塞、使用方便、维护简单、使用寿命长。
- 适合水性、油性模具离型剂（脱模剂）喷涂，水转印活化剂喷涂，防指纹油喷涂，冲床铁板微量油雾喷涂，银镜涂料喷涂。
- 需要高雾化低风压的涂装均适用（低粘度涂料）。

Functions and features:

- Small, lightweight, unblocked, convenient to operate, easy to maintain and long-life;
- Suitable for waterborne or oily mold release agents, water transfer printing activators, anti-fingerprint oil, an ultra small amount of oil mists for punch plates, and silver mirror paint;
- Suitable for painting operations with high atomization and low air volume for low-viscosity paint.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-10-03P	压送式 Pressure	0.3	200	0.1(1.0)	50	130	130	142
MINI-10-05P		0.5				180	190	
MINI-10-08P		0.8				250	235	
MINI-10-10P		1.0				300	280	
MINI-20-03P	压送式 Pressure	0.3	200	0.15(1.5)	50	130	140	135
MINI-20-05P		0.5				180	200	
MINI-20-08P		0.8				250	210	
MINI-20-10P		1.0				300	225	

MINI-50 系列 Series

小型、轻量、操作简便、郁金香喷雾圆形，在狭窄处正距离喷雾时能发挥威力。 Small and lightweight MINI-50, spraying tulip-shaped round patterns, can play a great role in a narrow area.

功能与特点:

- 枪体小、重量轻、不堵塞、使用方便、维护简单、使用寿命长。
- 适用于水性、油性微量涂料喷涂，适用于小型玩具等小面积喷涂。
- 需要高雾化低风压的涂装均适用（低粘度涂料）。

Functions and features:

- Small, lightweight, unblocked, convenient to operate, easy to maintain and long-life;
- Suitable for an ultra small amount of waterborne or oily paint and painting operation for small workpieces, for example, small toys;
- Suitable for painting operation with high atomization and low air volume for low-viscosity paint.



MINI-50

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-50-03P	压送式 Pressure	0.3	200	0.1(1.0)	50	100	90	140
MINI-50-04P		0.4				130	100	
MINI-50-06P		0.6				160	110	
MINI-50-10P		1.0				230	120	

MINI-S30 系列 Series

■ AG、AF、指纹油、脱模剂等喷涂自动喷枪

Automatic spray gun for AG, AF, fingerprint oil, mold release agent and so on



MINI-S30
不锈钢枪体
Stainless steel gun body

功能与特点:

- 专为 AG, AF 研发的一款自动喷枪, 枪体, 枪针、枪嘴等所有与物料接触的部位, 均采用不锈钢材质。
- 体积较小又轻便型的自动喷枪, 涂料利用达 80%以上, 适用于 AF 指纹液、低粘度纳米材料, 脱模剂, 三防漆等喷涂。

Functions and features:

- An automatic spray gun is developed specifically for AG and AF. The gun body, needle, nozzle, and other paint passage are made of stainless steel.
- A small and lightweight automatic spray gun has more than 80% transfer efficiency, and is suitable for AF fingerprint solution, low-viscosity nanometer materials, mold release agents, and three-proof paint.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-S30-03P	壓送式 Pressure	0.3	200	0.29(3.0)	81	50	190	70
MINI-S30-05P		0.5				80	210	
MINI-S30-08P		0.8				100	230	
MINI-S30-10P		1.0				130	250	

MINI-S50/S60 系列 Series

■ 低气压喷射医药液体或融合剂之防腐蚀喷枪

Low pressure stainless steel anti-corrosive spray gun for chemical liquids and fusion agents

功能与特点:

- 枪体小、重量轻、低气压、不堵塞、使用方便、维护简单、使用寿命长。
- 所有部件采用防腐蚀不锈钢材质, 适用于喷涂耐溶剂、融合剂和医药化学液体。

Functions and features:

- Small, lightweight, low-pressure, unblocked, convenient to operate, easy to maintain and long-life;
- All parts are made of anti-corrosive stainless steel for solvent resistant agents, fusion agents and medical liquids.



MINI-S50
不锈钢枪体
Stainless steel gun body



MINI-S60
不锈钢枪体
Stainless steel gun body

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-S50-04P	壓送式 Pressure	0.4	200	0.1(1.0)	50	130	100	200
MINI-S50-06P		0.6				160	110	
MINI-S50-10P		1.0				230	120	
MINI-S60-03P	壓送式 Pressure	0.3	200	0.1(1.0)	50	130	120	200
MINI-S60-05P		0.5				180	150	
MINI-S60-10P		1.0				250	180	

MINI-70 系列 Series

- 圆形丸吹喷枪，用于产品打点、划线、做记号等用途
Round type spray gun is suitable for dots, lines, marking, etc..



MINI-70

功能与特点:

- 小型低压高雾化、小面积画线标记自动微量喷枪。
- 操作简便，喷涂方便不堵塞。
- 维护简单，耐腐蚀，使用寿命长。
- 通常用于，塑胶，玩具，饰品等喷涂。

Functions and features:

- MINI-70 spray gun is a ultra small low pressure high atomization automatic spray gun for small-size workpieces, lines and lines.
- It is easy to operate and maintain, and convenient for it to spray.
- Unblocked, anti-corrosive and durable.
- Used in plastic, toys and ornaments.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-70-03P	壓送式 Pressure	0.3	200	0.29(3.0)	81	50	190	70
MINI-70-04P		0.4				80	210	
MINI-70-06P		0.6				100	230	
MINI-70-10P		1.0				130	250	

MINI-80 系列 Series

- 自动微量喷枪系列
Ultra small type automatic spray gun series

功能与特点:

- 小型低压高雾化、小面积画线标记自动微量喷枪。
- 操作简便，喷涂方便不堵塞。
- 维护简单，耐腐蚀，使用寿命长。
- 通常用于，塑胶，玩具，饰品等喷涂。

Functions and features:

- spray gun is a ultra small low pressure high atomization automatic spray gun for small-size workpieces, lines and lines.
- It is easy to operate and maintain, and convenient for it to spray.
- Unblocked, anti-corrosive and durable.
- Used in plastic, toys and ornaments.



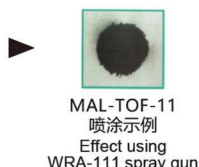
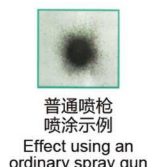
MINI-80

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MINI-80-03P	壓送式 Pressure	0.3	100~150	0.2(2.0)	66	100	90	70
MINI-80-05P		0.5				240	120	
MINI-80-08P		0.8				430	165	
MINI-80-10P		1.0				560	195	

MAL-TOF-10 系列 Series

■ 小型多孔盖自动喷枪

Small automatic spray gun with multi-hole air cap



注: 使用示例: 硫化粘接剂等

Note: the effect above is available using vulcanization adhesives and so on.



功能与特点:

- 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。可进行平吹/圆吹的调整。可实现大喷幅喷涂。

Functions and features:

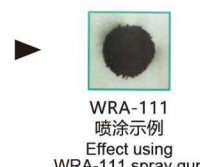
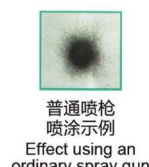
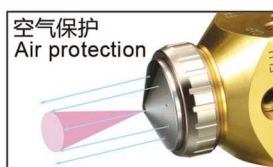
- Due to separate CYL air and CAP air, atomization air can be controlled to below 0.25 MPa to reduce overspray.
- Lightweight, compact, simple, and easy to assemble on the machine. It has flat painting and round painting and can achieve large-scale painting operation.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-TOF11-05	压送式 Pressure	0.5	200	0.1(1.0)	40	0~60	50	200
MAL-TOF11-10		1.0			50	0~250	70	
MAL-TOF11-13		1.3			60	0~360	80	

WRA-111 系列 Series

■ 多孔盖自动喷枪

Multihole air cap automatic spray gun



注: 使用示例: 硫化粘接剂等

Note: the effect above is available using vulcanization adhesives and so on.

功能与特点:

- 用途: 小件的喷涂, 减少遮蔽的麻烦, 减少夹具的污染。
- 特点: 多孔盖(空气护盖)护盖。喷雾空气独立控制, 液体可循环。

Functions and features:

- Application: suitable for small workpieces with a reduction of covering and pollution of jigs.
- Features: the multihole air cap can control atomized air independently to make the edge of spray pattern clean. WRA-111 has a fluid re-circulation hole by which fluids return to the paint tank.



型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	喷幅 Pattern width mm	雾化/采样/动作 空气/供液口直径 CAP/FAN/CYL/ FLU hole size	固定螺丝规格 Fixed screw mm	重量 Weight g
WRA-111-05P	压送式 Pressure	0.5	0.26(2.7)	350	丸吹 Round	Rc1/8	M8x1.25	350
WRA-111-08P		0.8						

MAL-(S)900R 系列 Series

全自动标识喷枪

Fully automatic marking spray gun



MAL-(S)900R

功能与特点:

- MAL-(S)900R是一款用于标识点和线的全自动标识喷枪,非常适合用于喷涂字母数字。用于组件标记、字母数字标签、食品加工、具有精确点应用的粘合处理。
- 操作非常简单,切换(打开,喷涂、关闭)反应敏捷,因此非常适合短周期大批量涂装。
- 专门设计冲洗装置和坚固的结构可确保该喷枪即使在嘴困难的条件下也能平稳工作。

Functions and features:

- MA-900 spray gun is an automatic spray gun for markings and lines, and quite suitable to spray letters and numbers for marks, labels, food processing or a bond between accurate points.
- It is easy to operate and operation of spray gun (start, painting and stop) is very quick, so it is quite suitable for a large amount of painting operation in a short time.
- Its special cleaning design and firm structure ensure that spray gun can work smoothly, even if its nozzle has a problem.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	雾化空气压力 Atomizing air pressure MPa(kgf/cm ²)	涂料喷出量 Fluid output ml/min	重量 Weight g
MAL-(S)900R-03P	压送式 Pressure	0.3	200	0.25(2.5)	0.05~0.5(0.5~5.0)	50	220
MAL-(S)900R-05P		0.5					
MAL-(S)900R-08P		0.8					

MAL-360 系列 Series

大面积自动喷涂喷枪

Large type automatic spray gun

功能与特点:

- 专门为大面积自动喷涂研发的一款自动喷枪,上漆率高,耗气量少。
- 主要应用于皮革、傢俱、塑胶等大面积自动化喷涂行业。

Functions and features:

- A specialized automatic spray gun is developed for large-scale automatic spraying, with high transfer efficiency and low air consumption.
- Mainly used in large-scale automatic spraying industries, such as leather, furniture, and plastic.



MAL-360

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-360-10P	压送式 Pressure	1.0	NO.TE40	0.25(2.5)	360	230-350	380	480
MAL-360-12P		1.2						
MAL-360-14P		1.4						

WA-101/200/101R 系列 Series

通用型自动喷枪

Universal automatic spray gun



WA-101



WA-200

功能与特点:

- 高涂装效率和低飞散，可节省原料成本。
- 雾化效果好，工件的表面效果精细。
- 操作方便、维修简单。
- 适合生产线上使用，与自动喷涂机、往复喷涂机和喷涂机器人等组合使用。
- 适用的涂料范围很广，同时适用于医药包衣喷涂和玻璃喷涂。

Functions and features:

- High transfer efficiency and less overspray, resulting in a reduction of the cost of paint;
- Optimal atomization effect and finely atomized paint particles on the surface of workpieces;
- Convenient to operate and easy to maintain;
- The spray gun is properly used in a painting line for mass production, used with automatic painting equipment, reciprocators and painting robots;
- Suitable for all kinds of paint, medical coating and glass.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用空压机 Required air compressor kw	重量 Weight g	用途 Application
WA-101-082P(V)	压送式 Pressure	0.8	E2P	0.29(3.0)	270	150	190	1.5~	440	小物件喷涂 Small workpieces
WA-101-102P(V)		1.0	E2P		270	200	220			
WA-101-132P		1.3	H2		260	250	230			
WA-101-152P		1.5	H2		260	270	245			
WA-101-182P		1.8	N1		190	310	240			
WA-200-122P(V)	压送式 Pressure	1.2	G2P	0.29(3.0)	530	500	400	2.2~	470	大物件喷涂 Large workpieces
WA-200-152P		1.5	K2		330	270	340			
WA-200-202P		2.0	R2		360	400	320			
WA-200-251P		2.5	W1		360	500	330			
WA-200-302P		3.0	W3		550	650	370			
WA-200-402P		4.0	W4		0.55(5.5)	550	760			

丸吹自动喷枪

Round pattern automatic spray gun

功能与特点:

- 高涂装效率和低飞散，可节省原料成本。
- 雾化效果好，工件的表面效果精细。
- 适合生产线上使用，与自动喷涂机、往复喷涂机和喷涂机器人等组合使用。
- 适用的涂料范围很广，同时适用于医药包衣喷涂和玻璃喷涂。

Functions and features:

- High transfer efficiency and less overspray, resulting in a reduction of the cost of paint;
- Optimal atomization effect and finely atomized paint particles on the surface of workpieces;
- The spray gun is properly used in a painting line for mass production, used with automatic painting equipment, reciprocators and painting robots;
- Suitable for all kinds of paint, medical coating and glass.



WA-101R

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用空压机 Required air compressor kw	重量 Weight g	用途 Application
WA-101R-05P(V)	压送式 Pressure	0.5	R	0.29(3.0)	40	60	50	0.2~0.4	440	小物件喷涂 Small workpieces
WA-101R-10P(V)		1.0			50	250	70			
WA-101R-13P(V)		1.3			55	360	80			

MAL-A1/A2 系列 Series

自动喷枪系列

Automatic spray gun series



MAL-A1



MAL-A2

功能与特点:

- 相对于传统空气喷枪, 可节省 10%到 15%涂料及空气消耗量。
- 涂料管路采用不锈钢材质, 可喷涂绝大部分涂料及水溶性涂料。
- 针嘴材质采用不锈钢 316, 亦可喷涂腐蚀性涂料。如: 瓷器、瓷釉。
- 皮革喷涂或镀膜的效果非常好, 适用于汽车涂装、塑料件涂装、木工涂装、手机涂装 (包括外壳和按键等)、笔记本电脑涂装等。

Functions and features:

- Compared with a conventional spray gun, paint and air consumption are reduced by from 10% to 15%;
- Fluid passages are made of stainless steel for most of paint and waterborne paint;
- The fluid needle and fluid nozzle are made of stainless steel 316, so the spray gun can also apply corrosive paint for porcelains and ceramic glazes;
- It is the first choice for leather painting and film coating. It is suitable for automobiles, plastic workpieces, woodwork, housings and buttons of mobile phones, laptops and so on.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-A1-101P	压送式 Pressure	1.0	200	0.29(3.0)	190	100	250	445
MAL-A1-132P		1.3			200	250	300	
MAL-A1-152P		1.5			200	300	300	
MAL-A2-122P	压送式 Pressure	1.2	250	0.29(3.0)	300	400	320	500
MAL-A2-152P		1.5			330	400	350	
MAL-A2-202P		2.0			360	450	400	
MAL-A2-252P		2.5			400	450	450	

LPA-101/200 系列 Series

低压自动喷枪系列

Low pressure automatic spray gun series

功能与特点:

- 由于喷涂空气压力低, 不怕强烈的回弹空气, 涂料粒子容易附着在被喷涂物上。
- 喷嘴和顶针采用不锈钢材质, 适合喷涂水性涂料。
- 适用于五金、玩具、汽车、家具、木制品、工业品、塑胶制品喷涂用。

Functions and features:

- With low spraying air pressure and less bounceback, paint particles easily reach the workpieces;
- The fluid nozzle and fluid needle are made of stainless steel for waterborne paint;
- Suitable for hardware, toys, automobiles, furniture, woodwork, industrial products and plastic products.



LPA-101



LPA-200

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	所用空压机 Required air compressor kw	重量 Weight g	用途 Application
LPA-101-101P(V)	压送式 Pressure	1.0	E1	0.26(2.7)	430	150	200	2.2~3.7	460	小物件喷涂 Small workpieces
LPA-200-122P(V)	压送式 Pressure	1.2	G2	0.20(2.0)	500	500	300	2.2~3.7	500	大物件喷涂 Large workpieces

WRA-101/200 系列 Series

■ 机器人搭配用自动喷枪系列
Automatic spray gun series used with robots



WRA-101



WRA-200

功能与特点:

- 瘦长的雾化喷幅、雾化均匀、喷幅大、颗粒细，效果好。
- 喷涂效率高，速度快。
- 操作容易，重量轻。
- 设有回料孔，清洗喷嘴容易。
- 可依您的需求，自由调整进气压力（2.5~3.0bar），减少涂料反弹，节省涂料。
- 适合大量涂装使用，与机械手臂或自动化涂装机器设备搭配使用。
- 进气调整和喷幅调整在机器设备外设置，从而可遥控操作，独立控制，减少操作上的困扰。
- 被工业界广泛采用，如电脑外壳、手机外壳、化妆品、家具、手工具、医药、食品、纺织、玻璃、塑料、橡胶、印刷、压铸、建材、五金等行业皆可使用。

Functions and features:

- A long and narrow spray pattern, uniform and optimum atomization, a large pattern width and finely atomized paint particles.
- High-efficiency and fast application.
- Easy operation and a lightweight gun body.
- Easy to clean the fluid nozzle because of the fluid circulation hole set in the spray gun.
- As required, inlet pressure is adjustable from 2.5bar to 3.0bar to reduce bounceback and save paint.
- Used with mechanical arms or automatic painting equipment for mass production.
- The parameters of inlet pressure and pattern width can be set outside, so that it can be remotely adjusted and controlled independently to reduce operational problems.
- Widely used in all kinds of industries, such as computer housing, mobile phone housing, cosmetics, furniture, hand tools, medicine, food, textile, glass, plastic, rubber, printing, die-casting, building materials and hardware.

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g	用途 Application
WRA-101-082P	压送式 Pressure	0.8	E2P	0.29(3.0)	270	150	190	285	小物件喷涂 Small workpieces
WRA-101-102P		1.0				200	220		
WRA-101-132P		1.3	H2	0.24(2.5)	260	250	230		
WRA-101-152P		1.5				270	245		
WRA-101-182P		1.8				N2	190		
WRA-200-122P	压送式 Pressure	1.2	G2P	0.29(3.0)	530	500	400	320	大物件喷涂 Large workpieces
WRA-200-152P		1.5	K2		330	270	340		
WRA-200-182P		1.8				330	340		
WRA-200-202P		2.0				R2	360		

LRA-101/200 系列 Series

■ 机器人搭配用自动喷枪系列

Automatic spray gun series used with robots



LRA-101



LRA-200

功能与特点:

- 雾化均匀、喷幅大、颗粒细，效果好。
- 可依您的需求，自由调整进气压力 (2.0 ~ 2.7bar)，同时喷盖内空气压力只有 0.7bar 以下，可减少涂料反弹，涂料附着率高，从而节省涂料20 ~ 30%。
- 喷涂金属粉涂料，能将金属粉均匀显现出来，不会沉淀。
- 适合大量涂装使用，与机械手臂或自动化涂装机器设备搭配使用。进气调整，喷幅调整和涂料喷出量调整可在机器设备外设置，从而可遥控操作，独立控制，减少操作上的困扰。
- 被工业界广泛采用，如电脑外壳、手机外壳、化妆品、家具、手工具、医药、食品、纺织、玻璃、塑料、橡胶、印刷、压铸、建材、五金等行业皆可使用。

Functions and features:

- Uniform and optimum atomization, a large pattern width and finely atomized paint particles.
- Inlet pressure is adjustable from 2.0bar to 2.7bar as required and the air pressure in the air cap is less than 0.7bar, resulting in less bounceback and high transfer efficiency, so that paint consumption is reduced by from 20% to 30%.
- Suitable for metal powders, which can be applied uniformly by the spray gun and won't be deposited.
- Used with mechanical arms or automatic painting equipment for mass production. The parameters of inlet pressure, pattern width and fluid output can be set outside, so that it can be remotely adjusted and controlled independently to reduce operational problems.
- Widely used in all kinds of industries, such as computer housing, mobile phone housing, cosmetics, furniture, hand tools, medicine, food, textile, glass, plastic, rubber, printing, die-casting, building materials and hardware.

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g	用途 Application
LRA-101-081P	压送式 Pressure	0.8	E1	0.29(3.0)	430	140	200	360	小物件喷涂 Small workpieces
LRA-101-101P		1.0				150	200		
LRA-200-082P	压送式 Pressure	0.8	G2	0.24(2.5)	500	400	300	378	大物件喷涂 Large workpieces
LRA-200-102P		1.0				400	300		
LRA-200-122P		1.2				500	300		



LRA-200 短帽
short air cap



LRA-S16



LRA-S17



LRA-S10

型号 Model	涂料 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 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
LRA-200-08P	压送式 Pressure	0.8	200	0.29(3.0)	380	300	110	370
LRA-200-10P		1.0				350	130	
LRA-200-12P		1.2				530	220	
LRA-200-15P		1.5		330	270	250		
LRA-200-special		0.8		0.09(1.0)	200	30~150	30~160	
LRA-200-special		1.0		0.8(8.0)	200	30~150	30~150	

MAL-470/471 系列 Series

■ 超大噴幅

Ultra large pattern width



MAL-471



MAL-470

功能与特点:

- 内部控制特色所组成的特殊自动喷枪，节省成本的理想工具。
- 雾化好、宽幅大、涂料附著率高、节省油漆。
- 广泛应用于皮革、塑胶等行业。

Functions and features:

- Special designs of the inner structure create the special automatic spray gun MAL-470 which is the ideal tool of cost saving;
- Optimum atomization effect, an ultra large pattern width, high transfer efficiency and paint saving;
- MAL-470 is widely used in leather, plastic and so on.

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-470/471-07P	压送式 Pressure	0.7	NO.470	0.3(3.1)	400	220	360	MAL-470:488g MAL-471:462g
MAL-470/471-11P		1.1				270	420	
MAL-470/471-14P		1.4				320	480	
MAL-470/471-17P		1.7				370	540	

MAL-S470/S471 系列 Series

■ 水性漆专用喷枪

Specialized spray gun for waterborne paint

功能与特点:

- 专为水性漆喷涂而设计，具有雾化好、喷幅大、涂料附著率高的优点。
- 涂料通道均采用了不锈钢的设计，耐腐蚀、流通性好，耐磨损、耐腐蚀、防生锈，使用寿命长。
- 广泛应用于汽车制造、工业设备、建筑工程、金属制品、等行业的水性油漆喷涂。

Functions and features:

- It is specially designed for spraying water-based paint. The spray gun has the advantages of good atomization, large pattern width, and high transfer efficiency.
- Its paint passage is made of stainless steel, which is oxidation-resistant, wear-resistant, corrosion-resistant, rust-resistant.
- Widely used in automotive manufacturing, industrial equipment, construction engineering, metal products, and other industries for spraying water-based paint.



MAL-S471



MAL-S470

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-S470/S471-07P	压送式 Pressure	0.7	NO.807	0.1~0.4 (1.0~4.0)	280	180	200	MAL-S470:647g MAL-S471:624g
MAL-S470/S471-11P		1.1				200		
MAL-S470/S471-14P		1.4				220		
MAL-S470/S471-17P		1.7				250		

WRA-3000 系列 Series

■ LVMP 中压喷枪

LVMP medium pressure spray gun



WRA-3000

功能与特点:

- LVMP 型, 效率高, 耗气量低。
- 快拆式分体结构, 便于拆卸。拆装时无需工具, 无需重新定位。
- 涂料可枪内循环, 防止涂料沉淀。
- 内部结构平滑, 便于清洗换色。

Functions and features:

- LVMP type, high efficiency and low air consumption;
- The quick-release structure makes it easy to be taken apart and installed without tools and relocating;
- Fluids can be reused by a fluid re-circulation hole in the gun body, which prevents fluids from being deposited;
- The internal structure of the spray gun is smooth, so that it is convenient to clean and change colors.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
WRA-3000-07P	压送式 Pressure	0.7	NO.805	0.2~0.3(2.0~3.0)	280	200	180~280	370
WRA-3000-11P		1.1						
WRA-3000-14P		1.4						
WRA-3000-17P		1.7						

MAL-S3000/S4000 系列 Series

■ 不锈钢自动喷枪

Stainless steel automatic spray gun

功能与特点:

- 不锈钢枪体食品级自动喷枪。
- 使用传统空气高压雾化技术, 喷涂雾化精细, 传递率高, 涂层质量优异, 可实现高质量喷涂, 使用寿命长, 可应用于各行业。
- 适合装置在自动化喷涂/机器人往复机/机械手臂等涂装机械设备使用。

Functions and features:

- Food-grade stainless steel automatic spray gun
- Use conventional high pressure atomization technology to achieve finely atomized particles, high transfer efficiency, good coatings and high quality painting.
- It is durable and widely used in all kinds of industries. Suitable for use with automatic painting machines, robots, reciprocators, mechanical arms, etc..



MAL-S4000



MAL-S3000

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-S3000-07P	压送式 Pressure	0.7	NO.807	0.69(7.0)	200	200	220	440
MAL-S3000-11P		1.1					230	
MAL-S3000-14P		1.4					250	
MAL-S3000-17P		1.7					280	
MAL-S4000-07P	压送式 Pressure	0.7	NO.807	0.1~0.4(1.0~4.0)	280	180	200	800
MAL-S4000-11P		1.1				200		
MAL-S4000-14P		1.4				220		
MAL-S4000-16P		1.6				240		
MAL-S4000-18P		1.8				280		

MAL-3C 系列 Series

■ LVMP型雾化自动喷枪 LVMP type automatic spray gun



MAL-3C

功能与特点:

- 采用LVMP雾化方式，雾化精细，传递效率高，可实现高质量喷涂，可耐各种涂料污染，易于清洗。
- 快拆式分体结构，易于维护和拆装。
- 喷幅、雾化和开关枪空气都是独立控制，可用于机器人喷涂。
- 耐磨性喷嘴、枪针、雾化帽。

Functions and features:

- MAL-3C spray gun is a LVMP automatic spray gun with exquisite atomization and high transfer efficiency, which achieves high quality painting operation, resists all kinds of contamination of coating materials and can be easily cleaned.
- Quick-release structure makes it easily maintained, disassembled and assembled.
- The adjustment of pattern width and atomization, start or stop are controlled separately and it can be used for painting operation with robots.
- The spray gun has anti-wear fluid nozzle, anti-wear fluid needle and durable air cap.

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-3C-07P	压送式 Pressure	0.7	COM 480/590 HVLP	0.1~0.4(1.0~4.0)	200~345	10~350	150~300	420
MAL-3C-102P		1.0	COM 480/590 HVLP					
MAL-3C-122P		1.2	590 HVLP/COM 515					
MAL-3C-142P		1.4	590 HVLP/COM 515					

MAL-S3C 系列 Series

■ 水性和溶剂性涂料专用喷枪 Specialized spray gun for water based coatings and solvent-based coatings

功能与特点:

- MAL-S3C款喷枪适用于自动和半自动喷涂机，有普通空气喷涂，HVLP喷涂和Trans-Tech(LVMP)喷涂三种类型。
- 喷枪使用了高等级的不锈钢材质，适用于水性涂料和溶剂性涂料。
- 枪针调节旋钮采用千分尺尾调，可以精确控制涂料流量。

Functions and features:

- MAL-S3C spray gun is suitable to be used with automatic painting machine or semi-automatic painting machine. The spray gun has three types of painting, conventional painting, HVLP painting, and Trans-Tech (LVMP) painting.
- The spray gun is made of high-grade stainless steel and suitable for water based coatings and solvent-based coatings.
- It has a precision fluid adjusting knob, which is able to control a flux of fluid accurately.



MAL-S3C

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MAL-S3C-07P	压送式 Pressure	0.7	COM 480/590 HVLP	0.1~0.4(1.0~4.0)	200~345	10~350	150~300	560
MAL-S3C-102P		1.0	COM 480/590 HVLP					
MAL-S3C-122P		1.2	590 HVLP/COM 515					
MAL-S3C-142P		1.4	590 HVLP/COM 515					

ML-22-4C 系列 Series

■ 陶瓷和搪瓷膜片喷枪 Diaphragm operated spray gun for ceramics and enamels



ML-22-4C

手动扇幅调节
Pattern adjusting set

功能与特点:

- 喷嘴采用高级不锈钢和表面硬化的氮化钢材质。
- 通过远程控制阀（使用者提供）控制雾化空气和膜片操作空气。涂料通过压送式系统供应。

Functions and features:

- Nozzles are available in high grade stainless steel and case hardened Nitralloy steel.
- Remotely positioned valves (supplied by user) control the air supplies for atomisation and diaphragm operation. Coating material supply is by a pressure feed system.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
ML-22-4C-07P	压送式 Pressure	0.7	NO.705	0.3~0.4(3.0~4.0)	208	200~1000	135~405	520
ML-22-4C-11P		1.1						
ML-22-4C-14P		1.4						
ML-22-4C-17P		1.7						
ML-22-4C-22P		2.2	NO.64					
ML-22-4C-28P		2.8						

ML-22-5C/ML-22-S5C 系列 Series

■ 陶瓷和搪瓷膜片喷枪
Diaphragm operated spray gun for ceramics and enamels

功能与特点:

- ML-22-5C/ML-22-S5C是一款轻量化的膜片操作自动喷枪，用于陶瓷釉、搪瓷釉、玻璃釉、液体抛光化合物等类似涂料。
- ML-22-S5C 款是专为水性漆喷涂而设计，涂料通道均采用了不锈钢的设计，抗氧化、流通性好，耐磨损、耐腐蚀、防生锈，使用寿命长。
- 两款雾化帽实现高压高雾化和低压高雾化喷涂。

Functions and features:

- This ML-22-5C/ML-22-S5C is a lightweight diaphragm operated automatic spray gun for use with ceramic glaze, vitreous enamels, liquid polishing compounds and similar materials.
- ML-22-S5C spray gun is specially designed for spraying waterborne paint. Its paint passage is made of stainless steel, which is oxidation-resistant, wear-resistant, corrosion-resistant, rust-resistant, and has good flowability and a long service life.
- Two types of air caps are used separately for painting operation with high pressure and high atomization, or with low pressure and high atomization.



ML-22-5C



ML-22-S5C

不锈钢水性涂料膜片喷枪
Diaphragm operated stainless steel spray gun for waterborne paint

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
ML-22-(S)5C-(S)07P	压送式 Pressure	0.7	NO.705	0.21(2.1)	260	200~1000	150~450	ML-22-5C: 460
ML-22-(S)5C-(S)11P		1.1						
ML-22-(S)5C-(S)14P		1.4						
ML-22-(S)5C-(S)17P		1.7						
ML-22-(S)5C-(S)22P		2.2	NO.64					
ML-22-(S)5C-(S)28P		2.8						

W-201-TZP 系列 Series

■ 陶瓷喷涂用手动喷枪

Manual spray gun for painting ceramic



W-201-TZP

功能与特点:

- 针嘴与喷嘴前端经加硬处理, 其表面接近钨钢硬度, 不易磨损。
- 适用于搪瓷釉、陶瓷釉喷涂、研磨剂等易磨损喷涂资料的表面喷涂。

Functions and features:

- The tips of the fluid needle and fluid nozzle are hardened and their hardness is nearly that of tungsten steel, so they are anti-wear;
- Suitable for enamel glaze, ceramic glaze, abrasives and similarly abrasive fluids.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
W-201-122P-TZP	压送式 Pressure	1.2	R1Z	0.34(3.5)	500	760	370	400
W-201-152P-TZP		1.5						
W-201-182P-TZP		1.8						
W-201-202P-TZP		2.0						
W-201-252P-TZP		2.5						

WA-200-TZP/WRA-200-TZP 系列 Series

■ 陶瓷喷涂用自动喷枪

Automatic spray gun for painting ceramic

功能与特点:

- 针嘴与喷嘴前端经加硬处理, 其表面接近钨钢硬度, 不易磨损。
- 适用于搪瓷釉、陶瓷釉喷涂、研磨剂等易磨损喷涂资料的表面喷涂。

Functions and features:

- The tips of the fluid needle and fluid nozzle are hardened and their hardness is nearly that of tungsten steel, so they are anti-wear;
- Suitable for enamel glaze, ceramic glaze, abrasives and similarly abrasive fluids.



WRA-200-TZP



WA-200-TZP

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
WRA-200-152P-TZP	压送式 Pressure	1.5	250	0.34(3.5)	500	760	370	320
WRA-200-202P-TZP		2.0						
WRA-200-252P-TZP		2.5						
WA-200-122P-TZP	压送式 Pressure	1.2	250	0.34(3.5)	500	760	370	470
WA-200-152P-TZP		1.5						
WA-200-202P-TZP		2.0						
WA-200-252P-TZP		2.5						

COG-W201 系列 Series

■ 粘合剂专用手动喷枪

Adhesive specific manual spray gun



COG-W201

功能与特点:

- 用途: 汽车内装, 木工, 隔热材料粘贴用。
- 特点: 高粘度粘结剂也可以实现高微粒化, 宽喷幅, 大喷出量也可以实现稳定喷涂。减少喷嘴前端的涂液滴落现象, 实现稳定喷幅。

Functions and features:

- The tips of the fluid needle and fluid nozzle are hardened and their hardness is nearly that of tungsten steel, so they are anti-wear;
- Suitable for enamel glaze, ceramic glaze, abrasives and similarly abrasive fluids.

型号 Model	涂料 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 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
COG-W200-122P	压送式 Pressure	1.2	200	0.29(3.0)	375	150	265	400
COG-W200-182P		1.8				250	390	

COG-R200/A200 系列 Series

■ 粘合剂专用自动喷枪

Adhesive specific automatic spray gun

功能与特点:

- 用途: 汽车内装, 木工, 隔热材料粘贴用。
- 特点: 高粘度粘结剂也可以实现高微粒化, 宽喷幅, 大喷出量也可以实现稳定喷涂。减少喷嘴前端的涂液滴落现象, 实现稳定喷幅。

Functions and features:

- The tips of the fluid needle and fluid nozzle are hardened and their hardness is nearly that of tungsten steel, so they are anti-wear;
- Suitable for enamel glaze, ceramic glaze, abrasives and similarly abrasive fluids.



COG-R200



COG-A200

型号 Model	涂料 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 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
COG-A200-122P	压送式 Pressure	1.2	200	0.29(3.0)	375	150	265	440
COG-A200-182P		1.8				250	390	
COG-R200-122P	压送式 Pressure	1.2	200	0.2(2.0)	275	150	265	320
COG-R200-182P		1.8				250	390	

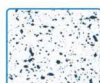
WA-101-SGD 系列 Series

■ 乱丝喷枪 Disheveled spray gun



喷出的
细点模样

A pattern of small dots



喷出的
梨皮模样

A pattern of pear peel



喷出的
乱丝模样

Disheveled pattern



WA-101-SGD

功能与特点:

- 采用特殊结构的枪帽，可喷出乱丝状、散点状、染布状及梨形图案的喷枪。
- 适用于美术、工业、木制品、布料图案的喷涂。
- 各零件组装简便，喷盖可快速更换，易于拆卸清洗。

Functions and features:

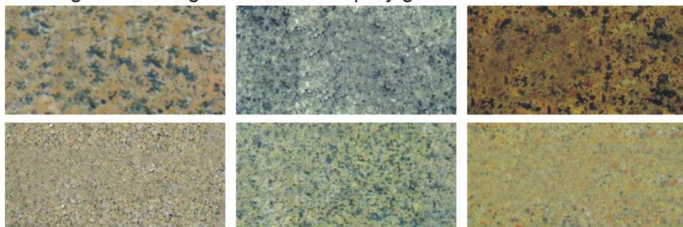
- With special air caps, the spray gun can apply disheveled patterns, spattering patterns, dyeing cloth patterns and pear peel patterns.
- Suitable for arts and crafts, industry, woodwork and cloth patterns.
- All parts of spray gun are easy to assemble. Air cap can be changed quickly and cleaned easily.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	重量 Weight g
WA-101-SGD-052P	压送式 Pressure	0.5	0.1~0.25(1.0~2.6)	80	80	440
WA-101-SGD-082P		0.8				
WA-101-SGD-102P		1.0				
WA-101-SGD-132P		1.3				

WA-200-SGD/W-77-SGD 系列 Series

■ 水包水多彩喷枪 Water in water multicolor spray gun

多彩枪喷涂效果
Painting effect using the multicolor spray gun



功能与特点:

- 水包水多彩喷枪适用于涂料厂，涂装厂及内外墙涂料的喷涂施工。
- 适用于乳胶漆、金属漆、氟碳漆、多彩漆、石头漆、艺术漆、花岗岩漆、防石漆等喷涂施工。

Functions and features:

- Used in paint factories and painting factories, and suitable for internal or external walls;
- Suitable for emulsion paint, metallic paint, fluorine carbon paint, multicolor paint, stone paint, art paint, granite paint and imitative stone paint.



WA-200-SGD

W-77-SGD

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	重量 Weight g
WA-200-SGD-252P	压送式 Pressure	2.5	200	0.3(3.0)	450	480	470
WA-200-SGD-302P		3.0					
W-77-SGD-122P	压送式 Pressure	1.2	200	0.3(3.0)	560	480	500
W-77-SGD-152P		1.5				520	
W-77-SGD-202P		2.0				380	
W-77-SGD-252P		2.5				400	
W-77-SGD-302P		3.0				440	

MA-100/200 系列 Series

■ 简易型自动喷枪系列

Simple type automatic spray gun series



MA-100

MA-200

功能与特点:

- 雾化均匀、颗粒细、喷幅大。
- 喷嘴和顶针采用不锈钢材质，适合喷涂水性涂料。
- 应用广泛，如手工具、医药、食品、纺织、玻璃、塑料、橡胶、印刷、压铸、真空泡壳、建材、五金、钢板冷却、钢板润滑等行业皆可使用。

Functions and features:

- Uniform atomization, finely atomized paint particles and a large pattern width;
- The fluid nozzle and fluid needle are made of stainless steel, which are suitable for waterborne paint;
- Widely used in all kinds of industries, such as hand tools, medicine, food, textile, glass, plastic, rubber, printing, die-casting, vacuum blister, building materials, hardware, steel plate cooling and steel plate lubrication.

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
MA-100-082P	压送式 Pressure	0.8	E2P	0.3(3.0)	270	150	190	248
MA-100-102P		1.0				200	220	
MA-100-132P		1.3				250	230	
MA-100-152P		1.5				270	245	
MA-100-182P		1.8				N2	190	
MA-200-122P	压送式 Pressure	1.2	G2P	0.3(3.0)	330	500	400	272
MA-200-152P		1.5	K2			270	340	
MA-200-182P		1.8				330	340	
MA-200-202P		2.0				R2	400	
MA-200-251P		2.5	W1			360	500	

MAL-100/200 系列 Series

■ 简易型自动喷枪系列

Simple type automatic spray gun series

功能与特点:

- 喷盖内空气压力只有 0.7bar 以下，涂料附着率高，节省涂料 10% 左右。
- 广泛应用于各行各业，如：电脑外壳、手机外壳、化妆品外壳、家具、手工具、医药、食品、纺织、玻璃、塑料、橡胶、印刷、压铸、建材、五金等行业皆可使用。

Functions and features:

- The air pressure in the air cap is less than 0.7bar, resulting in high transfer efficiency, so that paint consumption is reduced by approximately 10%;
- Widely used in all kinds of industries, such as computer case, mobile phone case, cosmetic case, furniture, hand tools, medicine, food, textile, glass, plastic, rubber, printing, die-casting, building materials, hardware etc.



MAL-100

MAL-200

型号 Model	涂料 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 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g	
MAL-100-082P	压送式 Pressure	0.8	200	0.3(3.0)	365	85	155	248	
MAL-100-102P		1.0				430	200		
MAL-100-132P		1.3				530	350		270
MAL-100-152P		1.5				595	480		315
MAL-200-082P		0.8				400	300		200
MAL-200-102P	压送式 Pressure	1.0	200	0.25(2.6)	500	450	400	250	272
MAL-200-122P		1.2				500	500	300	
MAL-200-152P		1.5				575	650	375	

ST-5/ST-6 系列 Series

■ 简易型自动喷枪系列

Simple type automatic spray gun series



ST-5



ST-6

功能与特点:

- 枪体小, 轻便, 紧凑, 简约, 操作简单。
- 喷嘴和顶针采用不锈钢材质, 适合喷涂水性涂料。
- 适合医药、食品、纺织、印刷、塑料、橡胶、钢板冷却、钢板润滑、真空泡壳等行业使用。

Functions and features:

- Small, lightweight, compact, simple and easy to operate;
- The fluid nozzle and fluid needle are made of stainless steel, which are suitable for waterborne paint;
- Widely used in medicine, food, textile, printing, plastic, rubber, steel plate cooling, steel plate lubrication and vacuum blister.

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	雾化类型 Type of spray pattern	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
ST-5-05P	压送式 Pressure	0.5	扇形及圆形 Fan pattern and round pattern	0.3(3.0)	60	60	200	280
ST-5-10P		1.0						
ST-5-13P		1.3						
ST-5-20P		2.0						
ST-6-05P	压送式 Pressure	0.5	扇形及圆形 Fan pattern and round pattern	0.3(3.0)	100	360	350	300
ST-6-10P		1.0						
ST-6-13P		1.3						
ST-6-20P		2.0						

ST-5R/ST-6R 系列 Series

■ 简易型自动喷枪系列

Simple type automatic spray gun series

功能与特点:

- 枪体小, 轻便, 紧凑, 简约, 操作简单。
- 喷嘴和顶针采用不锈钢材质, 适合喷涂水性涂料。
- 适合医药、食品、纺织、印刷、塑料、橡胶、钢板冷却、钢板润滑、真空泡壳等行业使用。

Functions and features:

- Small, lightweight, compact, simple and easy to operate;
- The fluid nozzle and fluid needle are made of stainless steel, which are suitable for waterborne paint;
- Widely used in medicine, food, textile, printing, plastic, rubber, steel plate cooling, steel plate lubrication and vacuum blister.



ST-5R



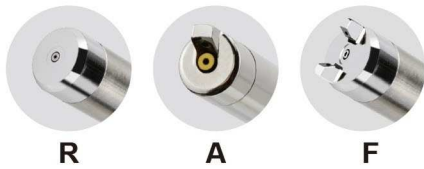
ST-6R

型号 Model	涂料供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	雾化类型 Type of spray pattern	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
ST-5-05R	压送式 Pressure	0.5	圆形 Round pattern	0.3(3.0)	40	70	50	280
ST-5-10R		1.0						
ST-5-13R		1.3						
ST-5-20R		2.0						
ST-6-05R	压送式 Pressure	0.5	圆形 Round pattern	0.3(3.0)	55	430	80	300
ST-6-10R		1.0						
ST-6-13R		1.3						
ST-6-20R		2.0						

内表面喷涂用长杆喷枪系列 Internal painting extension nozzle spray

■ 适用于化妆瓶、香水瓶等短距离管内壁喷涂

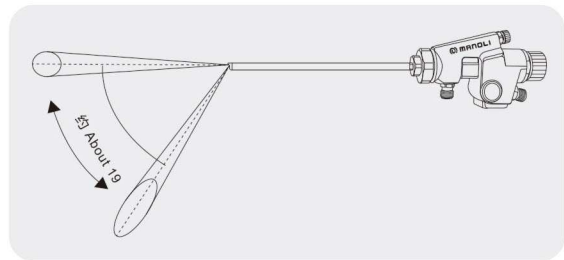
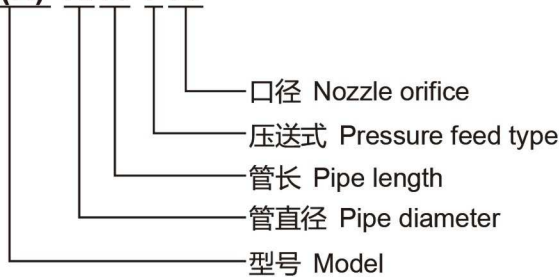
Suitable for cosmetic bottles, perfume bottles and other internal surfaces of pipes with a short distance.



特殊规格长度可订做

Extension spray guns can be customized as per your special lengths and nozzle orifices.

Note: W(A)-1218-P06



型号 Model	管长 (A) Pipe length(A) mm	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	涂料喷管直径 Pipe diameter φmm	角度 (θ) Pattern curve degree °
W-1218 / WA-1218	180	0.6	12	0.29(3.0)	约 About 19
W-1225 / WA-1225	250				
W-1235 / WA-1235	350				
W-0915 / WA-0915	150	0.5	9	0.29(3.0)	约 About 14
W-0925 / WA-0925	250				
W-0935 / WA-0935	350				
W-0609 / WA-0609	90	0.5	6	0.29(3.0)	约 About 4
W-0615 / WA-0615	150				
W-0625 / WA-0625	250				
W-0635 / WA-0635	350				

功能与特点:

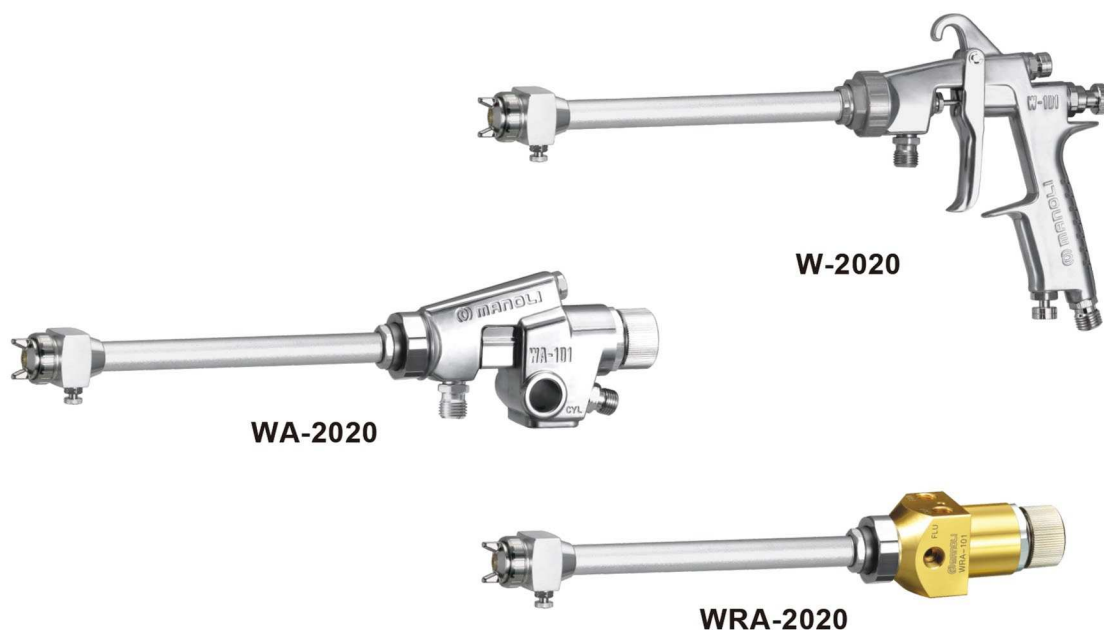
- 长杆喷枪适用于管道内壁和远距离的深度和高度的喷涂。
- 喷枪喷嘴采用特殊设计，涂料附着率高，喷涂速度快。
- 喷枪连接管、涂料管均为不锈钢材质，不弯曲变形、耐磨损、耐腐蚀。
- 可以根据客户的需求，定制长度和口径。

Functions and features:

- The extension nozzle spray gun is suitable for internal surfaces of pipes and for painting operation in hard-to-reach places; The extension nozzle is made using special designs to achieve high transfer efficiency and fast speed of spraying;
- The connecting pipe and paint pipe of the spray gun are made of stainless steel, which are unbending, not deformative, anti-wear and anti-corrosive;
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

手动/自动长杆喷枪系列

Manual / automatic extension nozzle spray gun series



型号 Model	管长(A) Pipe length mm	喷嘴口径 Fluid nozzle orifice φmm	喷涂距离 Spray distance mm	适用空气枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	角度(θ) Pattern curve degree °	重量 Weight g
W-2020-P08	200 可定制 customizable	0.8	200	E2P	0.29(3.0)	270	150	190	0° 45° 90° 固定角度 stationary angle	505~852
W-2020-P10		1.0					200	220		
W-2020-P13		1.3					200	210		
W-2020-P15		1.5			220	250	240			
W-2020-P18		1.8				300	270			
WA-2020-P08		0.8				200	E2P	0.29(3.0)		
WA-2020-P10		1.0	200	220						
WA-2020-P13		1.3	200	210						
WA-2020-P15		1.5	220	250	240					
WA-2020-P18		1.8		300	270					
WRA-2020-P08		0.8	200	E2P	0.29(3.0)	270	150	190		645~910
WRA-2020-P10		1.0					200	220		
WRA-2020-P13		1.3					200	210		
WRA-2020-P15		1.5			220	250	240			
WRA-2020-P15		1.8				300	270			

功能与特点:

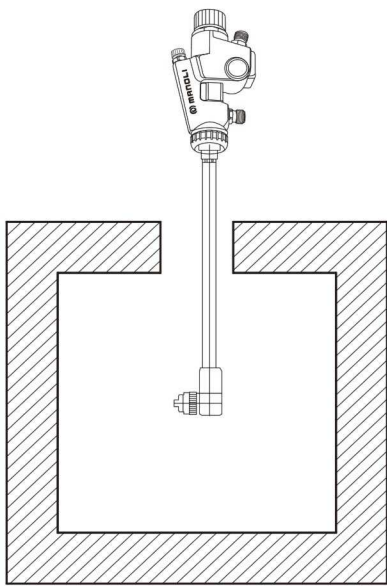
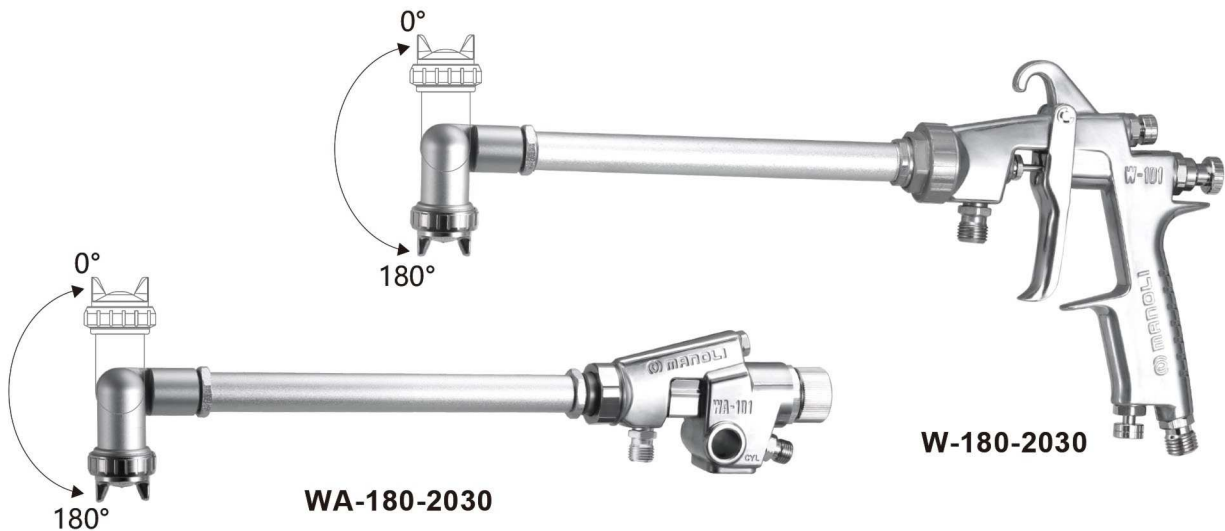
- 长杆喷枪适用于远距离的深度和高度喷涂作业。
- 喷枪喷嘴采用特殊设计，涂料附着率高，喷涂速度快。
- 喷枪连接管、涂料管均为不锈钢材质，不弯曲变形、耐磨损、耐腐蚀。
- 喷盖、喷嘴和顶针采用高级不锈钢材质，适合喷涂水性涂料。
- 可以根据客户的需求，定制长度和口径。

Functions and features:

- The extension nozzle spray gun is suitable for painting operation in hard-to-reach places;
- The extension nozzle is made using special designs to achieve high transfer efficiency and fast speed of spraying;
- The connecting pipe and paint pipe of the spray gun are made of stainless steel, which are unbending, not deformative, anti-wear and anti-corrosive;
- The air cap, the fluid nozzle and the fluid needle are made of first-class stainless steel for waterborne paint;
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

手动/自动长杆180度雾化可调喷枪系列

Manual / automatic extension nozzle spray gun with 180-degree rotation



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° 180° 颈长：0 - 500mm
Suitable for painting operation in a narrow area
or internal painting for pipes
Head angle: 0° 45° 90° Pipe length: 0 - 500mm

功能与特点：

- 喷涂前端可以 180 度旋转，操作多样方便。
- 外管采用喷砂处理，表面光洁、防手滑。
- 可快速更换喷嘴，易于清洗。
- 可以根据客户的需求，定制长度和口径。

Functions and features:

- It is more convenient for the head of the spray gun to rotate by 180 degrees;
- The surface of the extension nozzle is sandblasted, which is smooth, clean and skidproof;
- Quickly change its fluid nozzle to make it easily cleaned;
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

型号 Model	管长(A) Pipe length(A) mm	喷嘴口径 Fluid nozzle orifice φmm	适用空气 枪帽型号 Applied air cap model	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	喷涂距离 Spray distance mm	角度(θ) Pattern curve degree °	重量 Weight g
W-180-2030-082P	300	0.8	E2P	0.29(3.0)	270	150	190	200	0~180 (可调角度 adjustable)	583~1769
W-180-2030-102P	可定制 customizable	1.0	H2	0.24(2.5)	220	200	220			
W-180-2030-132P	1.3	200				210				
W-180-2030-152P	1.5	250	240							
WA180-2030-082P	300	0.8	E2P	0.29(3.0)	270	150	190	200	0~180 (可调角度 adjustable)	747~1933
WA180-2030-102P	可定制 customizable	1.0	H2	0.24(2.5)	220	200	220			
WA180-2030-132P	1.3	200				210				
WA180-2030-152P	1.5	250	240							

手动/自动 360°喷涂长杆喷枪系列

Manual or automatic 360-degree extension spray gun series



MAL-A1-360°

MAL-H1-360°



WRA-101-360°



MAL-470-360°

型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	喷涂角度 Spray angle °	喷涂空气压力 Spraying air pressure MPa(kg/cm ²)	管长 (A) Tube length(A) mm	管直径 Tube diameter mm	喷幅 Pattern width mm	重量 Weight g
MAL-H1-360°	壓送式 Pressure	/	360°	0.29(3.0)	可定製 customizable	可定製 customizable	50~450	525
MAL-A1-360°		/						640
WRA-101-360°		/						480
MAL-470-360°		/						832

功能与特点:

- 适用于喷化妆瓶等短距离管内壁喷涂。喷枪连接管，涂料管均为不锈钢材质，不弯曲不变形强韧性优良，经久耐用。
- 喷枪360°全喷喷幅，无需旋转零件和喷枪即可实现内表面喷涂。雾化细腻均匀，涂料附著率高，喷涂速度快
- 可以根据客户的需求，定制长度和口径。

Functions and features:

- Suitable for painting operation for short distance and inside of workpieces, such as cosmetic bottles. Air cap and fluid nozzle are made of stainless steel, which are unbending, not deformative, tough and durable.
- 360 degree spray gun, which has finely atomized paint particles, high transfer efficiency and high painting speed, can spray the whole inside of workpieces without rotating any knobs.
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

针型自动喷枪

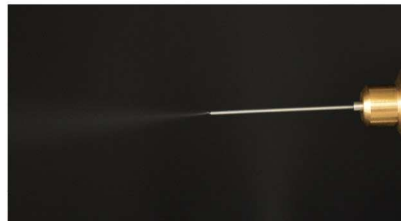
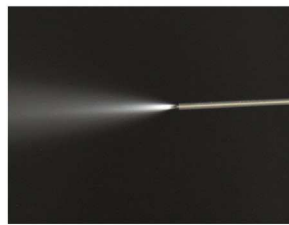
Thin extension nozzle automatic spray gun

■ 极狭小空间内的喷涂喷枪

Spray gun for painting operation in extremely narrow room



管粗细长短可定制
Customized diameter and length of extension nozzle of spray gun



型号 Model	涂料 供给方式 Type of feed	喷嘴口径 Fluid nozzle orifice φmm	管长 (A) Tube length(A) mm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	空气使用量 Air consumption l/min	涂料喷出量 Fluid output ml/min	喷幅 Pattern width mm	重量 Weight g
ML-203-0330	壓送式 Pressure	0.3	30	0.29(3.0)	15	18	5~60	440
ML-203-0350			50					

功能与特点:

- 特殊定制的极细针型长杆喷枪，专为狭窄地方喷涂而设计。
- 针型长杆喷枪的设计使其能够喷射出极细的雾状，在极狭小空间内喷涂也能够实现精细涂装的工作。
- 材质采用高品质的材料和先进的生产工艺制造而成，具有极高的耐用性，它的出色性能和多种应用将为您的工作带来更多可能。可以根据客户的需求，定制长度和口径。

Functions and features:

- Spray gun with special customized thin nozzle is specially designed for painting operation in narrow room.
- The design of the thin nozzle spray gun makes it spray extremely thin mist to achieve exquisite painting operation even in such narrow room.
- It is made using high quality materials and advanced production process to achieve extreme durability. There will be more possibilities of your works because of its excellent performance and multiple purposes.
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

自动 90°喷涂长杆喷枪系列 Automatic 90-degree extension spray gun series

■ 内表面喷涂用长杆喷枪 Internal painting extension nozzle



MAL-A1-90°

功能与特点:

- 长杆喷枪适用于管道内壁和远距离的深度和高度的喷涂。
- 喷枪喷嘴采用特殊设计，涂料附著率高，喷涂速度快。
- 喷枪连接管、涂料管均为不锈钢材质，不弯曲变形、耐磨损、耐腐蚀。
- 可以根据客户的需求，定制长度和口径。

Functions and features:

- The extension nozzle spray gun is suitable for internal surfaces of pipes and for painting operation in hard-to-reach places;
- The extension nozzle is made using special designs to achieve high transfer efficiency and fast speed of spraying;
- The connecting pipe and paint pipe of the spray gun are made of stainless steel, which are unbending, not deformative, anti-wear and anti-corrosive;
- A customized spray gun is available as per customers' requirements for the nozzle size of spray gun and the length of extension nozzle of spray gun.

型号 Model	管长 (A) Pipe length(A) mm	喷嘴口径 Fluid nozzle orifice φmm	喷涂空气压力 Spraying air pressure MPa(kgf/cm ²)	涂料喷管直径 Pipe diameter φmm	角度 (θ) Pattern curve degree °
MAL-1218	180	0.6	12	0.29(3.0)	90°
MAL-1225	250				
MAL-1235	350				
MAL-0915	150	0.5	9	0.29(3.0)	
MAL-0925	250				
MAL-0935	350				
MAL-0609	90	0.5	6	0.29(3.0)	
MAL-0615	150				
MAL-0625	250				
MAL-0635	350				

换色阀 Colour changing valve

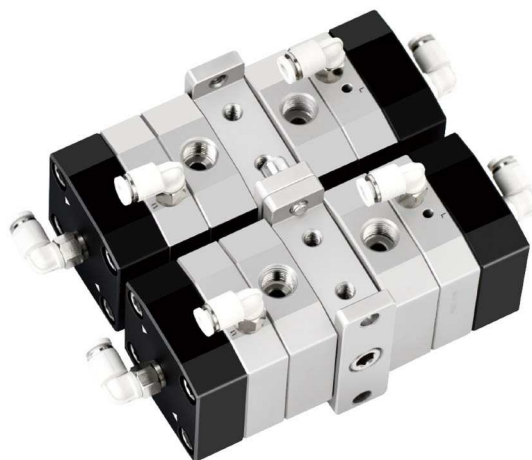
■ 换色阀模块 Module of colour changing valve

功能与特点:

- 本款换色阀为工业喷涂自动化提供了更紧凑和更灵活的换色及流体控制解决方案。
- 它能够实现快速、高效的换色与清洗，提高了自动化喷涂系统的可扩展性，安装和维护非常简单。
- 可根据颜色或涂料种类数量，酌情增加、减少换色阀模块的数量。

Functions and features:

- The colour changing valve can offer a better and more flexible solution to changing color and fluid control for automatic industrial painting.
- It can change color and clean fast and efficiently to enlarge the application of automatic painting system. It is easy to install and maintain the color changing valves.
- According to color, types and quantity of paint, increase or decrease the quantity of module of colour changing valve.



产品名称 Name of product	压缩空气 Compressed air MPa(kgf/cm ²)	空气接口尺寸 Air inlet size mm	涂料接口尺寸 Fluid inlet size	重量 Weight kg
换色阀 Colour changing valve	0.35~0.6(3.6~6.0)	4*6	G1/4	1.84

ML-2S 2L 压力桶系列 2L pressure tank series



ML-2S

型号 Model	ML-2S	
容量 Volume	L	2
压力 Air pressure	Kgf/cm ²	3.0
油漆出口 Paint outlet	1/4*1	
内桶直径 Diameter of inner tank	φmm/mm	129.5*199
重量 Weight	Kg	1.52
毛重 Gross Weight	Kg	1.64

ML-2E 2L 压力桶系列 2L pressure tank series

型号 Model	ML-2E	
容量 Volume	L	2
压力 Air pressure	Kgf/cm ²	3.0
油漆出口 Paint outlet	3/8*1	
内桶直径 Diameter of inner tank	φmm/mm	129.5*199
重量 Weight	Kg	1.54
毛重 Gross Weight	Kg	1.67



ML-2E

特点: 采用铝合金板, 一体成型安全性高, 表面阳极处理。

Features: The pressure tank which is made of aluminium alloy with all-in-one manufacturing process and surface anodizing is safe.

注意事项:

最大压力不可超过 0.3Mpa, 如果过压操作而发生事故, 本公司一概不负责。不可使用对铝材有腐蚀性的物质。

Matters needing attention:

the maximum air pressure is 0.3 MPa. Our company is not responsible for the losses and damage because workers use working pressure which is more than 0.3 MPa. Never use coatings and paint which are corrosive to aluminium alloy.

经济型压力桶系列 Economical pressure tank series



ML-10ET



ML-20ET



ML-40ET



ML-60ET

特点: 采用耐高压钢板，一体成形，安全性高，表面防锈处理。特殊设计，适合一般涂料，有气动自动搅拌和经济型搅拌涂料二种。

Features: the pump is safe because it is made of high-pressure-resistant steel plate and pump body is made using integrated-forming technology. It is rust-resistant, has a special design and is suitable for common coating materials. There are two types of pumps, the one with an automatic agitator and the other without an agitator.

型号 Model	容量 Volume L	压力 Air pressure kg/cm ²	油漆出口 Paint outlet	内桶材质 Material of inner tank	重量 Weight kg
ML-10ET	10	3.5	1/4*1	不锈钢 stainless steel	18
ML-20ET	20	3.5	1/4*2		28
ML-40ET	40	2.0	1/4*2		33
ML-60ET	60	3.0-5.0	1/4*2		40

警告: 最大压力不可超过压力使用范围，如果过压操作而发生事故，本公司一概不负责。

Caution: the maximum air pressure you use can not exceed the maximum working air pressure of pump, otherwise our company will not be responsible for any accidents and damages which are caused by it.

自动压力桶系列
Automatic pressure tank series



ML-10A

ML-20A

ML-40A

ML-60A

特点: 采用耐高压钢板, 一体成形, 安全性高, 表面防锈处理。特殊设计, 适合一般涂料, 有气动自动搅拌和经济型搅拌涂料二种。

Features: the pump is safe because it is made of high-pressure-resistant steel plate and pump body is made using integrated-forming technology. It is rust-resistant, has a special design and is suitable for common coating materials. There are two types of pumps, the one with an automatic agitator and the other without an agitator.

型号 Model	容量 Volume L	压力 Air pressure kg/cm ²	油漆出口 Paint outlet	内桶材质 Material of inner tank	重量 Weight kg
ML-10A	10	3.5	1/4*1	不锈钢 stainless steel	20
ML-20A	20	3.5	1/4*2		30
ML-40A	40	2.0	1/4*2		39
ML-60A	60	3.0-5.0	1/4*2		42

警告: 最大压力不可超过压力使用范围, 如果过压操作而发生事故, 本公司一概不负责。

Caution: the maximum air pressure you use can not exceed the maximum working air pressure of pump, otherwise our company will not be responsible for any accidents and damages which are caused by it.

ML-A-10 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（铝）
Pneumatic double diaphragm pump (aluminum)

特点: 防爆安全, 耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项:

工作时请用干燥的空气或加装空气过滤器, 每次用完清洗, 以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-A-10E
轻便型
Standard



ML-A-10R
稳压型
With fluid regulator



ML-A-10FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-A-10E	7	3/8"NPT	1/4"NPT	13	0.06	150	6.4m湿(wet) 3.7m干(dry)	7
ML-A-10R								
ML-A-10FR								

ML-A-15 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（铝）
Pneumatic double diaphragm pump (aluminum)

特点：防爆安全，耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项：

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-A-15E
轻便型
Standard



ML-A-15R
稳压型
With fluid regulator



ML-A-15FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-A-15E	7	3/8"NPT	1/4"NPT	25	0.08	200	6.4m湿(wet) 3.7m干(dry)	7
ML-A-15R								
ML-A-15FR								

ML-A-20 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（铝）
Pneumatic double diaphragm pump (aluminum)

特点: 防爆安全, 耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项:

工作时请用干燥的空气或加装空气过滤器, 每次用完清洗, 以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-A-20E
轻便型
Standard



ML-A-20R
稳压型
With fluid regulator



ML-A-20FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-A-20E	7	3/8"NPT	1/4"NPT	42	0.15	350	3.4m湿(wet) 3.7m干(dry)	9
ML-A-20R								
ML-A-20FR								

ML-A-26 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（铝）
Pneumatic double diaphragm pump (aluminum)

特点：防爆安全，耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项：

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-A-26E
轻便型
Standard



ML-A-26R
稳压型
With fluid regulator



ML-A-26FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-A-26E	7	3/4"NPT	1/4"NPT	60	0.15	380	6.4m湿(wet) 3.7m干(dry)	5
ML-A-26R								
ML-A-26FR								

ML-A-30 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（铝）
Pneumatic double diaphragm pump (aluminum)

特点：防爆安全，耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项：

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-A-30E
轻便型
Standard



ML-A-30R
稳压型
With fluid regulator



ML-A-30FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-A-30E	8	1/2"NPT	3/8"NPT	180	0.15	960	5.48m湿(wet) 5.48m干(dry)	9
ML-A-30R								
ML-A-30FR								

ML-PA-15 气动式隔膜泵

Pneumatic double diaphragm pump

■ 气动双隔膜泵（尼龙）
Pneumatic double diaphragm pump (nylon)

特点：防爆安全，耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项：

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-PA-15E
轻便型
Standard



ML-PA-15R
稳压型
With fluid regulator



ML-PA-15FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-PA-15E	7	3/8"NPT	1/4"NPT	18	0.06	150	6.4m湿(wet) 3.7m干(dry)	7
ML-PA-15R								
ML-PA-15FR								

ML-PA-20 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（尼龙）
Pneumatic double diaphragm pump (nylon)

特点: 防爆安全, 耐用稳定。

Features: explosion-proof, safe, durable and steady

注意事项:

工作时请用干燥的空气或加装空气过滤器, 每次用完清洗, 以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-PA-20E
轻便型
Standard

ML-PA-20R
稳压型
With fluid regulator

ML-PA-20FR
过滤稳压型
With fluid
regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-PA-20E	7	3/8"NPT	1/4"NPT	42	0.15	350	3.4m湿(wet) 3.7m干(dry)	9
ML-PA-20R								
ML-PA-20FR								

ML-SA-10 气动式隔膜泵

Pneumatic double diaphragm pump

■ 气动双隔膜泵（不锈钢）
Pneumatic double diaphragm pump (stainless steel)

特点：

防爆安全，耐用稳定，耐强酸强碱。适合水性油漆，食品级行业，药品级行业。

Features:

The pump is explosion-proof, strong-acid-resistant, strong-alkali-resistant, safe and durable, and has steady performance. It is suitable to spray waterborne paint and used in food industry and medicine industry.

注意事项

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-SA-10E
轻便型
Standard

ML-SA-10R
稳压型
With fluid regulator

ML-SA-10FR
过滤稳压型
With fluid regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-SA-10E	7	1/2"NPT	1/4"NPT	13	0.06	150	6.4m湿(wet) 3.7m干(dry)	9.5
ML-SA-10R								
ML-SA-10FR								

ML-SA-20 气动式隔膜泵 Pneumatic double diaphragm pump

■ 气动双隔膜泵（不锈钢）

Pneumatic double diaphragm pump (stainless steel)

特点:

防爆安全，耐用稳定，耐强酸强碱。适合水性油漆，食品级行业，药品级行业。

Features:

The pump is explosion-proof, strong-acid-resistant, strong-alkali-resistant, safe and durable, and has steady performance. It is suitable to spray waterborne paint and used in food industry and medicine industry.

注意事项:

工作时请用干燥的空气或加装空气过滤器，每次用完清洗，以达最佳效率和延长寿命。

Matters needing attention:

Use dry air or install air filters before pump is working. Clean the pump every time after work to achieve optimum efficiency and extend the life of the pump.



ML-SA-20E
轻便型
Standard

ML-SA-20R
稳压型
With fluid regulator

ML-SA-20FR
过滤稳压型
With fluid regulator and filter

型号 Model	最大压力 Maximum pressure bar	液体入口尺寸 Fluid inlet size	气体入口尺寸 Air inlet size	最大流量 Maximum fluid flow l/min	每一循环量 Capacity for each circulation l	最大的气体消耗量 Maximum air consumption ml/min	吸入扬程 Suction lift m	重量 Weight kg
ML-SA-20E	7	1/2"NPT	1/4"NPT	42	0.15	350	3.4m湿(wet) 3.7m干(dry)	9
ML-SA-20R								
ML-SA-20FR								

1加仑不锈钢手动升降式搅拌器 1 gallon stainless steel manual lifting mixer



ML-1SJ

減速比 Reduction ratio		1:1
最大输出功率 Maximum output power	马力(HP) Power(HP)	0.026(19W)
	扭力(N.m) Torque(N.m)	0.15
	转速(R/min) Speed(R/min)	1200
耗气量(L/min) Air consumption(L/min)		40
气体入口尺寸 Air inlet size		G1/8
搅拌轴/搅拌叶材质 Mixing shaft/blade material		SUS304/316
搅拌轴尺寸(mm) Mixing shaft size(mm)		10*290
重量(kg) Weight(kg)		4.1

1 加仑自动升降搅拌机 1 gallon automatic lifting mixer

減速比 Reduction ratio		1:1
最大输出功率 Maximum output power	马力(HP) Power(HP)	0.026(19W)
	扭力(N.m) Torque(N.m)	0.15
	转速(R/min) Speed(R/min)	1200
耗气量(L/min) Air consumption(L/min)		40
气体入口尺寸 Air inlet size		G1/8
搅拌轴/搅拌叶材质 Mixing shaft/blade material		SUS304/316
搅拌轴尺寸(mm) Mixing shaft size(mm)		8*300
搅拌量(L) Agitation(L)		10
可升降高度(mm) Liftable height(mm)		200
重量(kg) Weight(kg)		9.0



ML-1GD

5 加仑搅拌机 (闪银黑)
5-gallon mixer (shiny silver black)



ML-5GD

減速比 Reduction ratio		1:1
最大输出功率 Maximum output power	马力(HP) Power(HP)	0.11(0.08KW)
	扭力(N.m) Torque(N.m)	0.64
	转速(R/min) Speed(R/min)	200
耗气量(L/min) Air consumption(L/min)		210
气体入口尺寸 Air inlet size		G1/4
搅拌轴/搅拌叶材质 Mixing shaft/blade material		SUS304/316
搅拌轴尺寸(mm) Mixing shaft size(mm)		12*440
搅拌量(L) Agitation(L)		20-40
重量(kg) Weight(kg)		9.0

5 加仑搅拌机 (闪银黑)
5-gallon manual lifting mixer (flashing silver black)

減速比 Reduction ratio		1:1
最大输出功率 Maximum output power	马力(HP) Power(HP)	0.11(0.08KW)
	扭力(N.m) Torque(N.m)	0.64
	转速(R/min) Speed(R/min)	200
耗气量(L/min) Air consumption(L/min)		210
气体入口尺寸 Air inlet size		G1/4
搅拌轴/搅拌叶材质 Mixing shaft/blade material		SUS304/316
搅拌轴尺寸(mm) Mixing shaft size(mm)		12*440
搅拌量(L) Agitation(L)		20-40
重量(kg) Weight(kg)		9.0



ML-5SJ

不锈钢自动升降台配隔膜泵系列
Stainless steel automatic lifter with diaphragm pump



A-20-TC

減速比 Reduction ratio	1:1	
搭配油泵型号 Model of pump	ML-SA-20	
最大输出功率 Maximum output power	马力(HP) Power(HP)	0.25(0.18KW)
	扭力(N.m) Torque(N.m)	1.7
	转速(R/min) Speed(R/min)	1000
耗气量(L/min) Air consumption(L/min)	350	
气体入口尺寸 Air inlet size	G1/4	
搅拌轴/搅拌叶材质 Mixing shaft/blade material	SUS304/316	
每一循环量(L) Capacity for each circulation(L)	0.15	
搅拌桶容量(L) Agitation(L)	20	
重量(kg) Weight(kg)	28	

不锈钢涂料桶配隔膜泵系列
Stainless steel paint tank with diaphragm pump

減速比 Reduction ratio	1:1
搭配油泵型号 Model of pump	ML-SA-20
液体入口尺寸 Fluid Input Size	1/2"NPT
气体入口尺寸 Air inlet size	1/4"NPT
最大流量(L/min) MAX.Prssage Amount(L/min)	42
最高泵浦转速(空转)(Cpm) Maximum Pump Speed(Cpm)	400
每一循环量(L) Capacity for each circulation(L)	0.15
材质 Material quality	SUS304/316
最大的气体消耗量(ml/min) Maximum air consumption(ml/min)	350
搅拌桶容量(L) Agitation(L)	60
重量(kg) Weight(kg)	30



A-20-60L

流量、稳压、精密调节阀

Precision paint regulator for adjusting flux and stabilizing air pressure



ML-019-R4

功能与特点:

- ML-019-R4 是一款流量气动精密调压器-比例式, 比例式压力、流量调整更精准、更灵敏, 有极高的一致性和重复性。专为自动喷涂应用设计, 可遥控操作, 反应快捷。是机器人喷涂的首选涂料稳压产品。

Functions and features:

- ML-019-R4 paint regulator is a ratio type flux pneumatic precision paint regulator. It has ratio type air pressure, more accurate and sensitive adjustment of flux, great consistency and repeatability. The paint regulator with long-range control and quick reaction is specially designed for automatic spray guns and is the first choice of equipment for stabilizing fluid pressure used with painting robot.

型号 Model	材质 Material quality	最大压力 Maximum pressure MPa	涂料入口尺寸 Fluid input size	涂料出口尺寸 Fluid export size	最大管制流量 Maximum regulated flow l/min	压力比 Pressure ratio	重量 Weight g
ML-019-R4	/	2.5	G1/4"NPT	G1/4"NPT	3	4:1	760



ML-PR-5B

ML-PB-5

ML-PB-7

功能与特点:

- 稳压阀是一种隔膜方式的涂料减压阀, 可实现涂料输出稳定化, 确保涂装质量, 使涂料压力、吐出量的稳定。主体接液部经镜面加工处理, 提高了清洗性能。压力表调节准确, 人性化设计数字显示值。

Functions and features:

- Paint regulator is a diaphragm type paint regulator, which can achieve steady paint pressure and paint output to ensure a good painting effect. Main paint passage is manufactured by mirror finishing to make it easier to be cleaned. Pressure gauge has exact adjustment and numerical display.

型号 Model	材质 Material quality	最大压力 Maximum pressure MPa	涂料入口尺寸 Fluid input size	涂料出口尺寸 Fluid export size	调压范围 Voltage regulation range MPa	最大管制流量 Maximum regulated flow l/min	最大液体粘度 Maximum liquid viscosity Cps	重量 Weight g
ML-PR-5B	铝 aluminium	2.5	G3/8" NPT	G1/4" NPT	0.04~0.59	2	1000	1200
ML-PB-5		1	G1/4" NPT	G1/4" NPT	0.04~0.59	3	1000	1200
ML-PB-7		1.7	G1/4" NPT	G1/4" NPT	0.03~0.69	13	1000	1600



ML-SPB-6

ML-SPB-7

ML-SPB-20

功能与特点:

- 不锈钢涂料稳压阀系列: 不锈钢材质的稳压阀有高度耐腐蚀和耐磨性的特点, 针对水性涂料输送应用表面做了钝化处理。

Functions and features:

- Stainless steel paint regulator series
Stainless steel paint regulator is highly corrosion-resistant and anti-wear and its paint passage for waterborne paint is made by passivating treatment.

型号 Model	材质 Material quality	最大压力 Maximum pressure MPa	涂料入口尺寸 Fluid input size	涂料出口尺寸 Fluid export size	调压范围 Voltage regulation range MPa	最大管制流量 Maximum regulated flow l/min	最大液体粘度 Maximum liquid viscosity Cps	重量 Weight g
ML-SPB-6	304 不锈钢 304 stainless steel	1.0	G3/8" NPT	G1/4" NPT	0.04~0.59	3	1000	1500
ML-SPB-7		2.5	G1/4" NPT	G1/4" NPT	0.04~0.59	3	1000	1200
ML-SPB-20		1.7	G1/4" NPT	G1/4" NPT	0.03~0.69	13	1000	1100

背压阀系列

Back paint regulator series



ML-BPV-01



ML-S5C

功能与特点:

- 背压阀应用于油漆的回流前段，能给油漆回流以适当的阻力，保证之前段的油漆压力一致，减缓泵浦工作时带来的脉冲。提升产品良品率，保证产品的膜厚均匀，光泽均一。
- 出口管道上的单向阀用于防止液体回流，背压阀用于保持泵出口有一恒定压力。

Functions and features:

- Back paint regulator is used before paint circulate into spray gun and prevents paint from circulating into spray gun too fast to provide a steady paint circulation pressure and reduce pulse from the working pump.
- Back paint regulator can improve a non-defective product rate and ensure uniform thickness of paint film and uniform gloss.

型号 Model	材质 Material quality	最大压力 Maximum pressure MPa	涂料入口尺寸 Fluid input size	涂料出口尺寸 Fluid export size	最大管制流量 Maximum regulated flow l/min	压力比 Pressure ratio	重量 Weight g
ML-BPV-01	/	2.1	G3/8" NPT	G3/8" NPT	/	/	980
ML-S5C	不锈钢 Stainless steel	2.1	G3/8" NPT	G3/8" NPT	/	/	1540

过滤器系列

Filter series



ML-SFL



ML-FL

功能与特点:

- 过滤器由壳体、滤芯、滤网组成，有精密过滤，高效过滤等效果。
- 过滤器直接安装在泵出口，配有易清洗的过滤网，由不锈钢材质制成，拆卸方便。内置过滤网多种目数可选。
- 有2个3/8入口，2个1/4 出口，1个3/8排污口。
- 适用对象性质：弱腐蚀性、腐蚀性、低温物料，高卫生要求物料等。

Functions and features:

- Paint filter is made up of filter body, cartridge and filter mesh, featuring precision and high-efficiency performance.
- Filter is used on the outlet of a pump, equipped with filter mesh which is made of stainless steel and easy to clean, and is easy to be taken apart. There are multiple sizes of built-in filter meshes for you to choose.
- There are 2 pieces of inlets (3/8"), 2 pieces of outlets (1/4") and 1 piece of outlet for discharging paint.
- Suitable for weakly corrosive coatings, corrosive coatings, low-temperature workpieces and workpieces which are manufactured in hygienic condition.

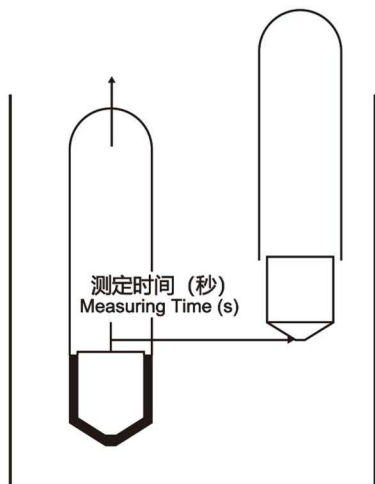
型号 Model	材质 Material quality	最大压力 Maximum pressure MPa	涂料入口尺寸 Fluid input size	涂料出口尺寸 Fluid export size	过滤网 Filter screen m	重量 Weight g
ML-SFL	316 不锈钢 Stainless steel	35	G3/8" NPT	G1/4" NPT	60 / 80 / 100 / 200	2040
ML-FL	铝 aluminium	0.63	G3/8" NPT	G3/8" NPT	60 / 80 / 100 / 200	630

粘度杯系列 Viscosity cup series



4号粘度杯
No. 4 viscosity cup

明麗 NK-2 粘度杯
MANOLI NK-2 viscosity cup

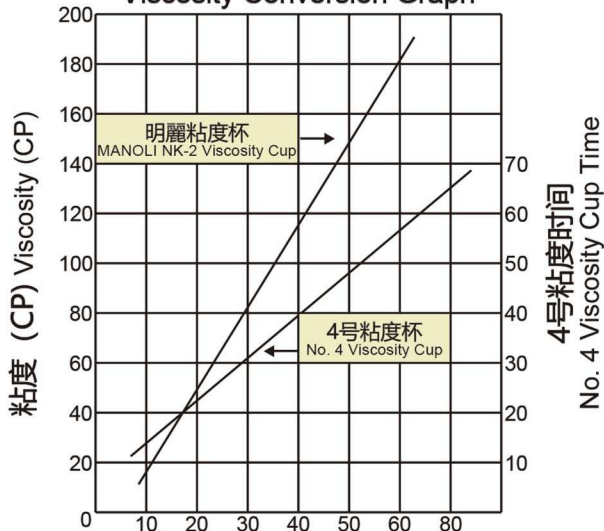


NK-2 粘度杯以滴下的时间为测定方法。测量时间 (秒)。
The way to measure viscosity is to record the time when paint in the MANOLI NK-2 viscosity cup drops from start to finish. Measuring Time (second)

★ 明麗 NK-2 粘度杯是现场简便地测量粘度的测量仪器，因此不能用于别的场合。
MANOLI NK-2 viscosity cup, a measuring tool, is used to simply and conveniently measure viscosity of paint on the spot, therefore, it can't be used in any other situation.

粘度换算表

Viscosity Conversion Graph



明麗粘度时间 MANOLI NK-2 Viscosity Cup Time

功能与特点:

- 因为涂面的完成和涂料喷出量受涂料粘度影响很大，必须根据涂料、被涂物，保持适当的涂料粘度。NK-2 不是依赖直觉，而是能更科学地管理涂料粘度。

Functions and features:

- Because viscosity of paint has a significant effect on sprayed surfaces of workpieces and output of fluids, an appropriate viscosity of paint must be kept as per paint and the sprayed workpieces. NK-2 viscosity cup can more scientifically manage viscosity of paint, but not by "human being's intuition".

1. 粘度换算，使用 JIS8809-78 (粘度计校正用标准液)，JS-10/20/50/100/200。
2. 以上是粘度杯测定值的概略粘度换算表，此表得到的换算值只是参考值，并非保证值。
3. NK-2 粘度杯始终是简单的判断液体粘度的测定器，并非测量仪器，测定数值不可用于其他用途。
4. 1P=100cPs=0.1Pas

1. Viscosity conversion
Use JIS8809-78 (standard liquid used for correcting viscosity by the viscometer) and JS-10/20/50/100/200.
2. The above is a sketchy viscosity conversion graph of measured values of the viscosity cup. The conversion values in the graph are not guarantee values, but reference values only.
3. NK-2 viscosity cup by which you can simply judge viscosity of liquids, is a measuring tool, but not a measuring instrument. Measured values are not for other uses.
4. 1P=100cPs=0.1Pas

涂料壶 Painted teapot

200CC
200ml (1/4)



PC-4S
400ml (1/4)(3/8)



PC-2
600ml (1/4)

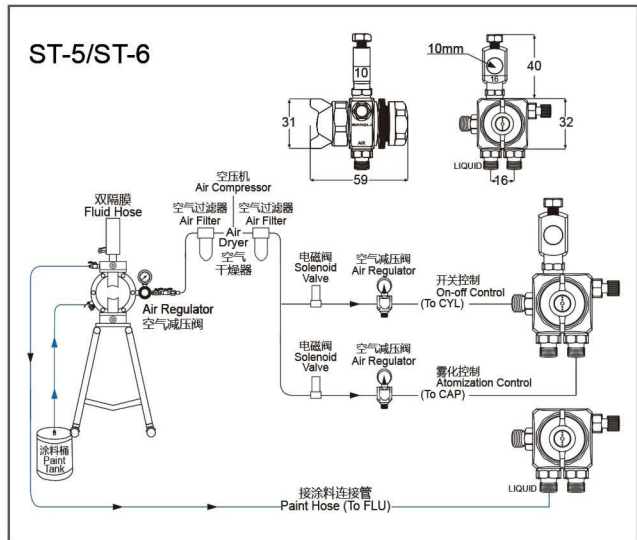
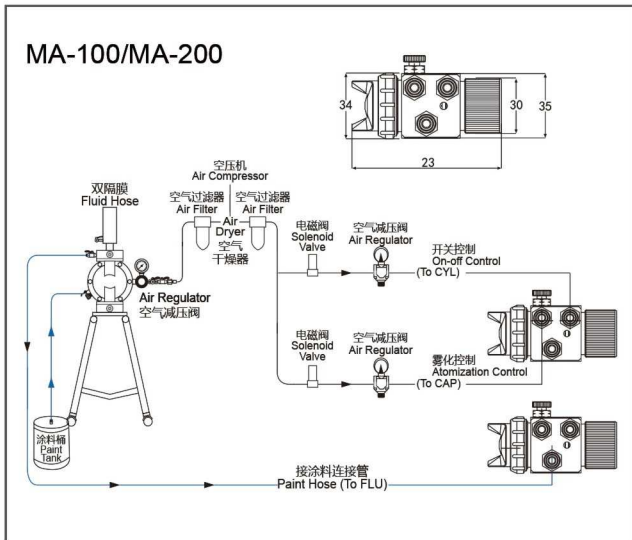
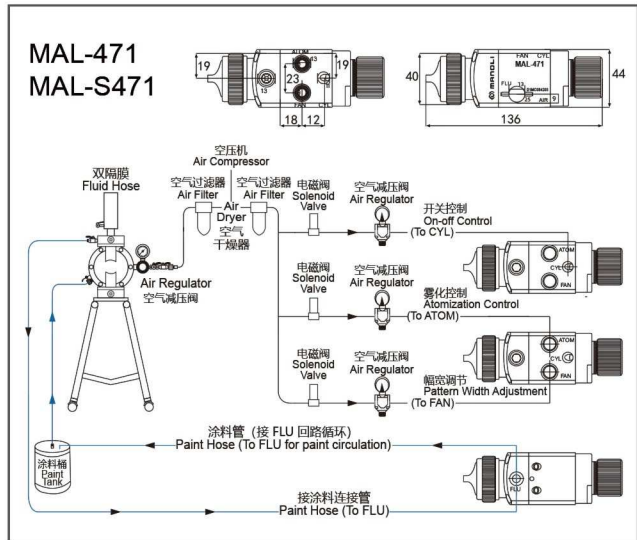
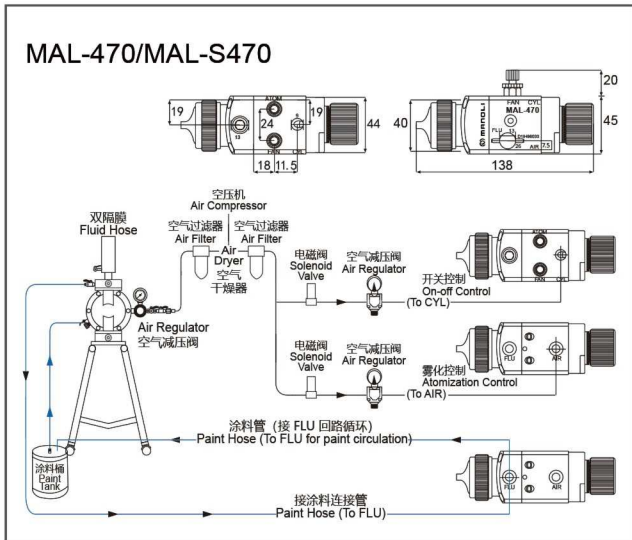
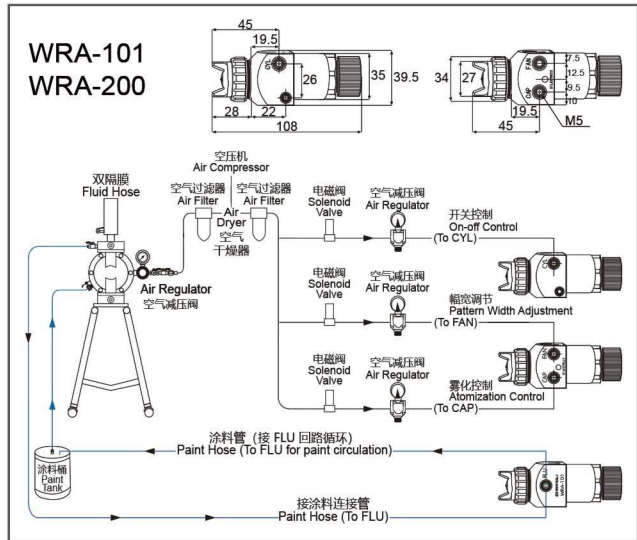
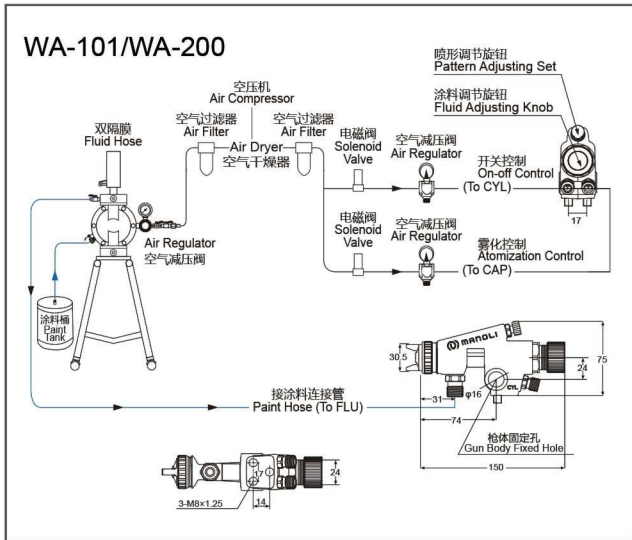


PC-1
1000ml (3/8)



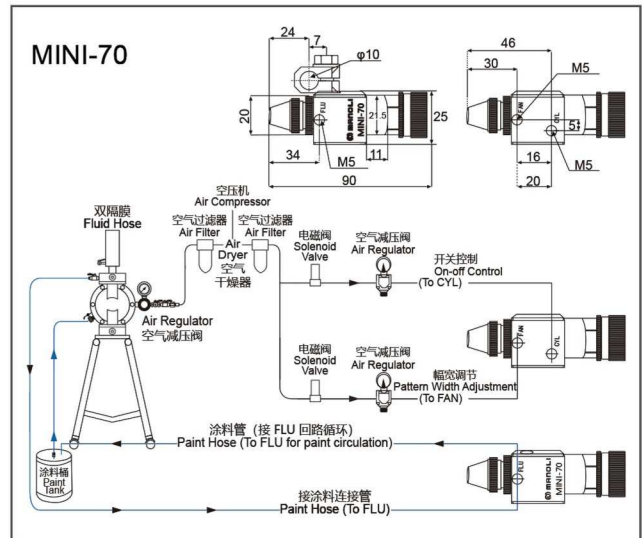
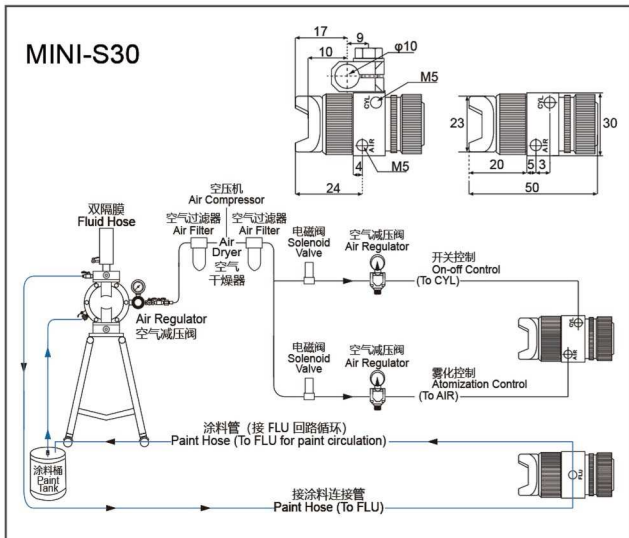
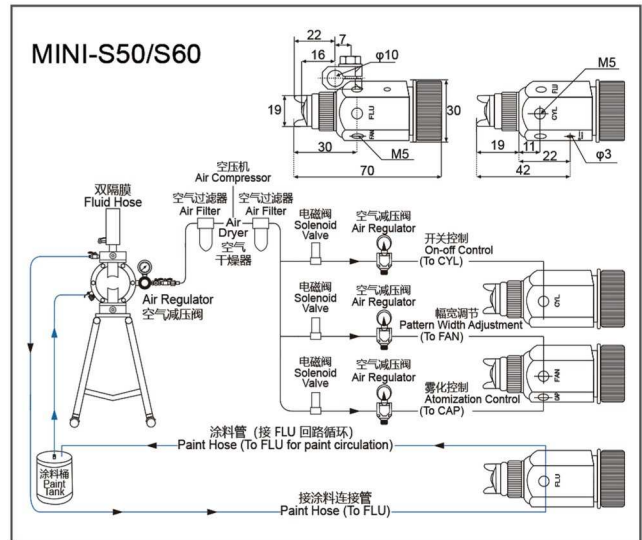
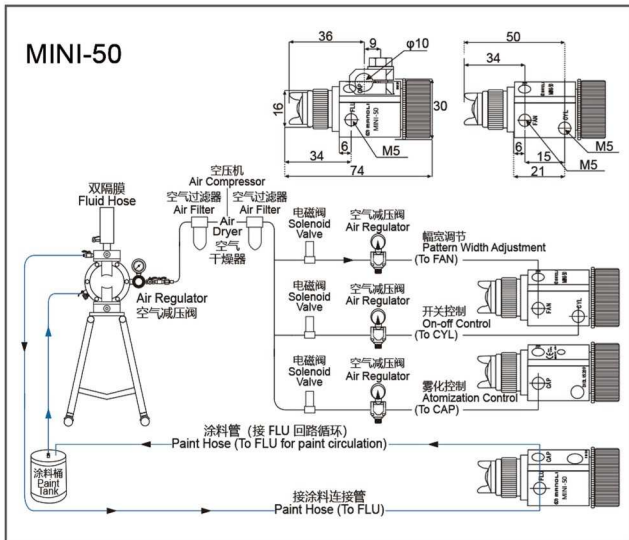
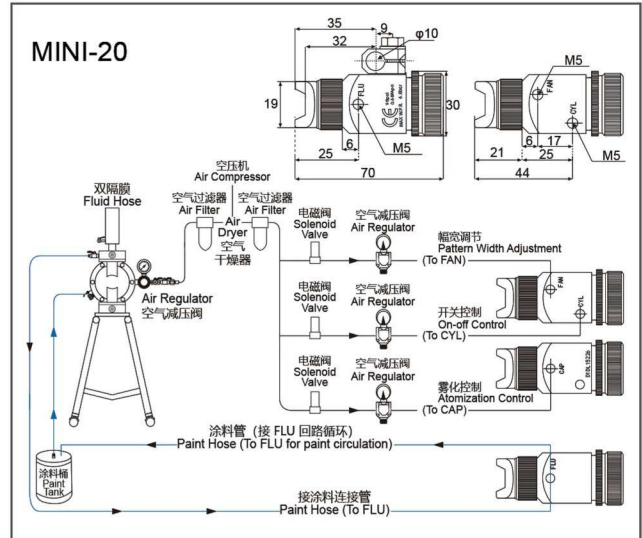
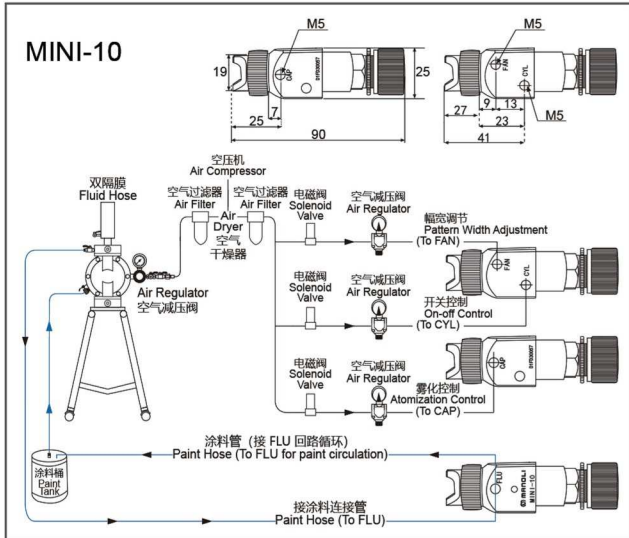
自动喷枪连接图

Automatic spray gun operation circuit diagram



自动喷枪连接图

Automatic spray gun operation circuit diagram



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