

# meite®

EXPERT IN SPRAYING TECHNOLOGY



## PROFESSIONAL SPRAY GUN



# meite®

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## ENTERPRISE PROFILE

Established in 1996, Guangdong Meite Mechanical Co., Ltd. is a professional pneumatic products company involves in combination of R&D, manufacture, sale and service. Meite Co. has always been renowned in the world for our high quality products and for our excellent customer service.

It was through the customer's requirements that Meite started the spray gun business in 2014. Since then, we introduced the up-to-date spray technology and lean production from Japan and equipped the plant with the latest CNC machines and heat treatment furnace. All we do is to guarantee every tool to the end users is in good condition.

Meite is now becoming a leading supplier of spray finish equipment to the industrial and automotive refinish markets. And we are committed to providing high quality products and professional services to our global customers.

## Professional Grade Products Each detail matters



▲ Technique Process



▲ Production Workshop

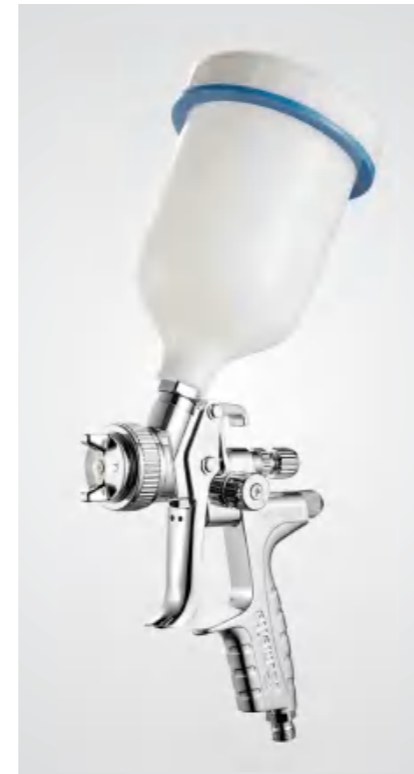


▲ Equipments



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	Pressure/ Suction				
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	Pressure Suction				
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	Pressure Suction				
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	Pressure Suction				
<p><b>REFINISH</b></p>	Gravity	MT-602G	MT-2000G	MT-602R	MT-2000R
	Pressure Suction				

## APPLICATIONS

Automobile, motorcycle components



Apply to automotive refinish, primer and basecoat of automobile components, metal sheet, machinery equipments surface coating, etc.



## APPLICATIONS

Home Appliances  
Furniture

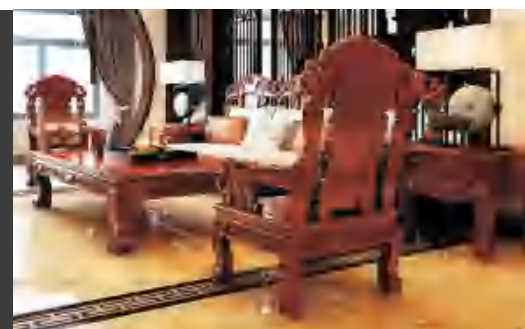


## APPLICATIONS

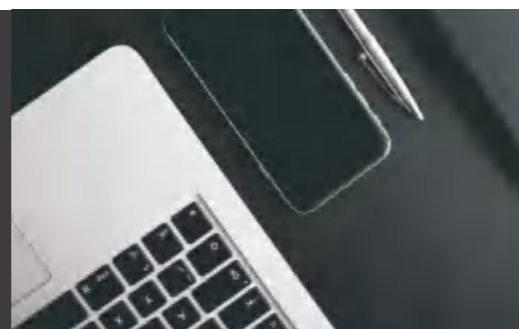
Construction machineries  
and equipments



Widely apply to the surface painting of furniture, home appliances, leathers, mobile phones, notebooks, pianos, large parts and construction machinery equipments



Redwood Furniture



Mobile Phone  
Notebook Shell



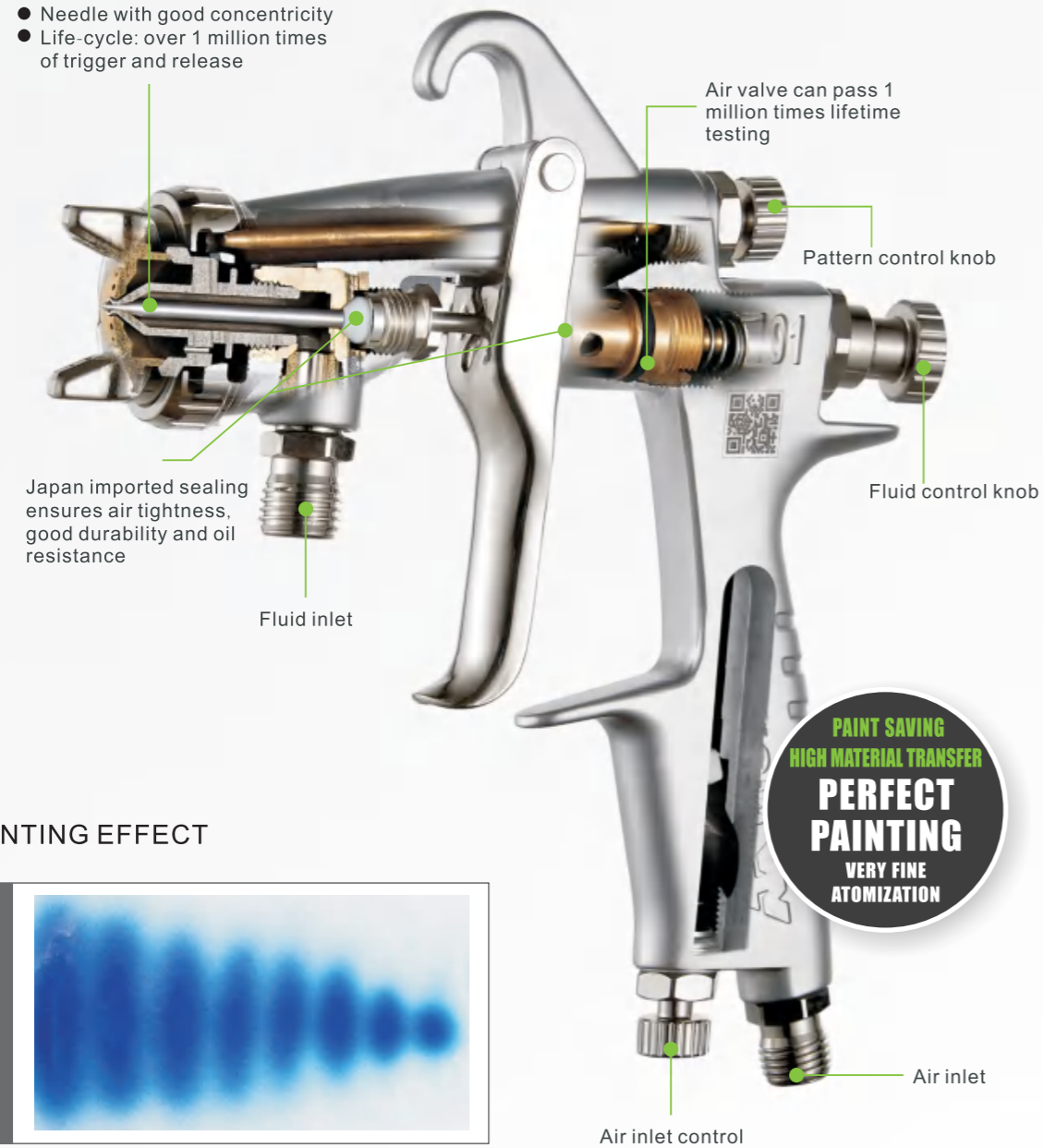
Jib Painting



Machinery Equipment  
Painting

## SPRAY GUN STRUCTURE DIAGRAM

- Needle and nozzle, made of stainless steel from Japan
- With vacuum heat treatment
- Needle with good concentricity
- Life-cycle: over 1 million times of trigger and release



Air valve can pass 1 million times lifetime testing

Pattern control knob

Fluid control knob

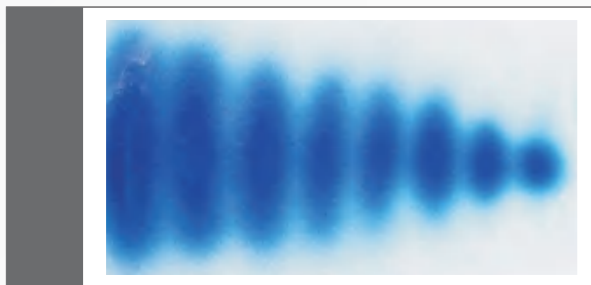
Japan imported sealing ensures air tightness, good durability and oil resistance

Fluid inlet

Air inlet

Air inlet control

## PAINTING EFFECT



## FEATURES

- Fatigue-resistant design with light weight, easy-pull trigger
- Easier to use and more suitable for the environment with multiple nozzle sizes and paint-feeding types
- Suitable for water-based paint
- Better texture with matt-chromium coating

## APPLICATIONS

Automobile,woodwork, furniture, metal,plastic.etc.(Topcoat&Primer)



**MT-W101-P**  
(Pressure)



**MT-W101-G**  
(Gravity)



**MT-W101-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-W101-080P	Pressure	0.8	150	190	0.29	270	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-102P	Pressure	1.0	200	220	0.29	270	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-132P	Pressure	1.3	200	210	0.24	220	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-152P	Pressure	1.5	250	240	0.24	220	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-101S	Suction	1.0	85	120	0.24	75	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-132S	Suction	1.3	150	160	0.24	225	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-152S	Suction	1.5	170	175	0.24	225	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-181S	Suction	1.8	210	170	0.24	170	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-101G	Gravity	1.0	95	130	0.24	75	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-132G	Gravity	1.3	160	175	0.24	225	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-152G	Gravity	1.5	190	180	0.24	225	G1/4 Air inlet G1/4 Fluid inlet	348
MT-W101-181G	Gravity	1.8	240	190	0.24	170	G1/4 Air inlet G1/4 Fluid inlet	348

W101 spray distance 200mm(7.87in), paint viscosity 20±1s/ NK-2, pressure of pressure tank for pressure type spray gun 0.3-0.8Kg/cm<sup>2</sup> fluid inlet G1/4, atomizing pressure 2.0-2.9Kg/cm<sup>2</sup>, air inlet G1/4



## FEATURES

- Fatigue-resistant design with light weight, easy-pull trigger
- Easier to use and more suitable for the environment with multiple nozzle sizes and paint-feeding types
- Suitable for water-based paint
- Better texture with matt-chromium coating

## APPLICATIONS

Automobile,woodwork, furniture, metal,plastic.etc..(Topcoat&Primer)



**MT-W71-P**  
(Pressure)



**MT-W71-G**  
(Gravity)



**MT-W71-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-W71-080P	Pressure	0.8	200	190	0.34	240	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-100P	Pressure	1.0	300	265	0.34	230	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-101G	Gravity	1.0	110	120	0.29	75	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-132G	Gravity	1.3	155	155	0.29	85	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-153G	Gravity	1.5	210	185	0.29	165	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-184G	Gravity	1.8	220	230	0.29	230	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-101S	(Suction)	1.0	95	100	0.29	75	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-132S	(Suction)	1.3	135	135	0.29	85	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-153S	(Suction)	1.5	180	170	0.29	165	G1/4 Air inlet G1/4 Fluid inlet	475
MT-W71-184S	(Suction)	1.8	195	200	0.29	230	G1/4 Air inlet G1/4 Fluid inlet	475

W71 spray distance 200mm(7.87in) 200mm ( 7.87in ) , paint viscosity 20±1S/NK-2 , pressure of pressure tank for pressure type spray gun 2.0-2.5Kg/cm<sup>2</sup>,air inlet G1/4, fluid inlet G1/4

## FEATURES

- Precise process and parts, durable, corrosion-resistant, wear-resistant
- Stainless steel paint passage, suitable for water-based paint
- Simple design and easy maintenance

## APPLICATIONS

Automobile, woodwork, furniture, metal, plastic.etc.  
( For primer and large area )



**MT-W77-P**  
(Pressure)



**MT-W77-G**  
(Gravity)



**MT-W77-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-W77-120P	Pressure	1.2	480	430	0.34	430	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-1511S	Suction	1.5	225	260	0.34	290	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-2021S	Suction	2.0	350	270	0.34	340	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-253S	Suction	2.5	435	280	0.34	325	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-1511G	Gravity	1.5	285	290	0.29	290	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-2021G	Gravity	2.0	390	335	0.29	340	G1/4 Air inlet G3/8 Fluid inlet	550
MT-W77-253G	Gravity	2.5	485	330	0.29	325	G1/4 Air inlet G3/8 Fluid inlet	550

W77 spray distance 250mm(9.84in),paint viscosity 20±1S/NK-2,pressure of pressure tank for pressure type spray gun 0.3-0.8Kg/cm<sup>2</sup> fluid inlet G3/8 , atomizing pressure 3.0-3.5Kg/cm<sup>2</sup>,air inlet G1/4



**Very Fine Atomization**  
**PERFECT PAINTING**  
**Paint Saving**



**01**

- Needle and nozzle, made of stainless steel from Japan
- With vacuum heat treatment, hardness reaches HRC43-45, more durable and wear-resisting
- Life-cycle: over 1 million times of trigger and release

**02**

- Good sealing and very fine atomization with one-time process for the body and air cap
- Comfortable and flexible operation with ergonomic design



**03**

- Lower cost and environment-friendly due to paint saving, high efficiency, very fine atomization
- Easy operation for control knob, large and uniform spray fan



**Paint-Saving**  
**High Material Transfer**  
**PERFECT PAINTING**

**Very Fine Atomization**



**FEATURES**

1. The amount of rebounding paint particle can be reduced effectively by adjusting the air pressure (2.5-3.5Kg/cm<sup>2</sup>) according to the user's requirement
2. Material saving and lower cost
3. Uniform spray fan, very fine atomization, high efficiency, sensitive response, accurate control
4. More extensive applications with multiple nozzle sizes available. More choice for users
5. Suitable for the painting of corrosive material, water-based paint and general paint, etc., with stainless steel nozzle, needle and paint passage
6. Widely used in auto-production field

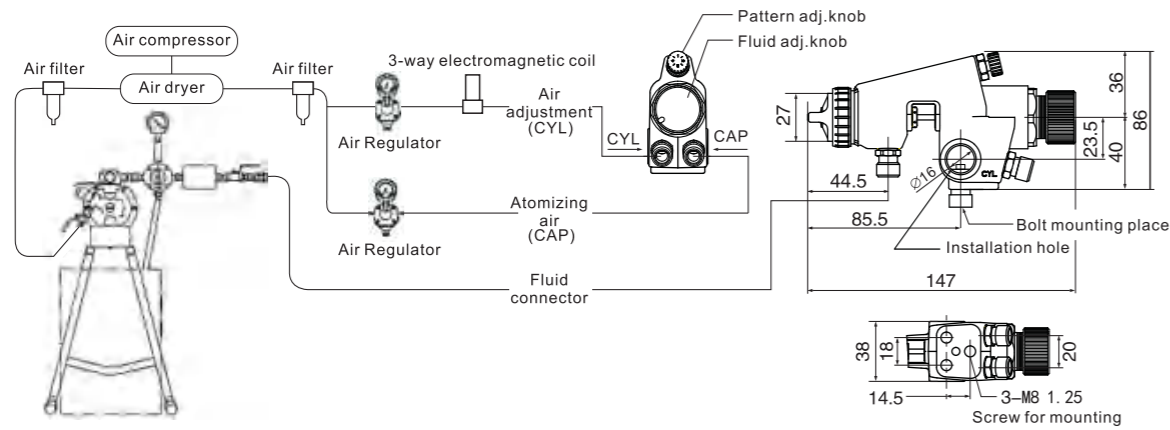




# AUTOMOBILE PAINTING SERIES

**APPLICATIONS**

**Wa101**  
Leather, coating, automobile interior decoration, woodwork, mobile phone, notebook, etc. (Topcoat)  
**WA201**  
Leather, automobile, woodwork, machinery equipments (Primer&Topcoat)



Model	Type of feed	Nozzle orifice $\varnothing$ mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-WA101-082P	Pressure	0.8	150	190	0.29	270	G1/4 Air inlet G1/4 Fluid inlet	423
MT-WA101-102P	Pressure	1.0	100	220	0.29	90	G1/4 Air inlet G1/4 Fluid inlet	423
MT-WA101-132P	Pressure	1.3	250	230	0.29	260	G1/4 Air inlet G1/4 Fluid inlet	423
MT-WA101-152P	Pressure	1.5	270	250	0.29	330	G1/4 Air inlet G1/4 Fluid inlet	423
MT-WA200-122P	Pressure	1.2	500	400	0.29	530	G1/4 Air inlet G3/8 Fluid inlet	453
MT-WA200-152P	Pressure	1.5	270	340	0.29	330	G1/4 Air inlet G3/8 Fluid inlet	453
MT-WA200-202P	Pressure	2.0	400	320	0.29	360	G1/4 Air inlet G3/8 Fluid inlet	453
MT-WA200-251P	Pressure	2.5	500	330	0.29	360	G1/4 Air inlet G3/8 Fluid inlet	453

Wa101 spray distance 200mm(7.87in), paint viscosity  $20 \pm 1S/NK-2$ , pressure of pressure tank for pressure type spray gun  $0.8Kg/cm^2$  fluid inlet G1/4, atomizing pressure  $2.0-2.5Kg/cm^2$ , air inlet and CYL G1/4PF/NPF, air inlet G1/4

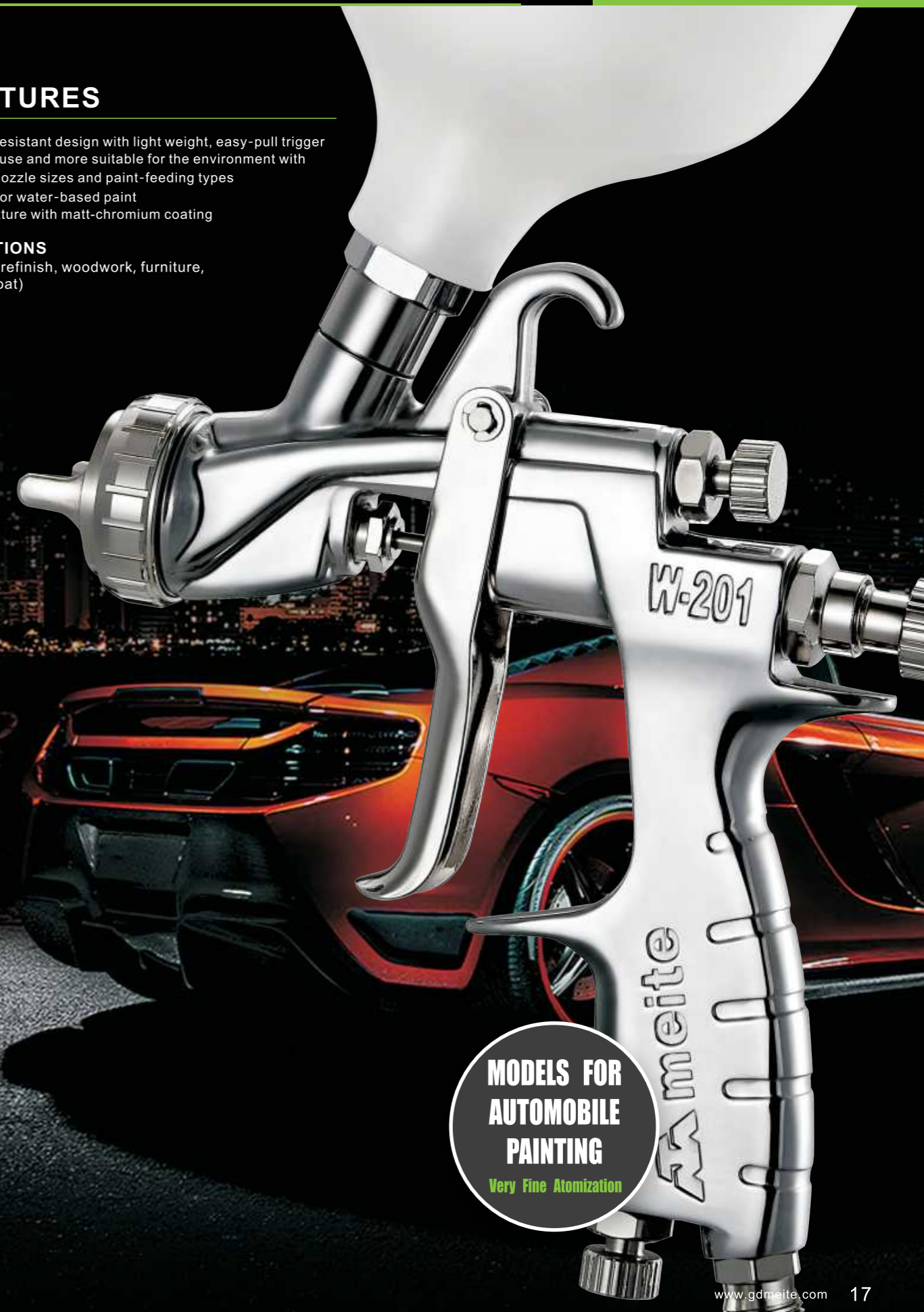
Wa200 spray distance 250mm (9.84in), paint viscosity  $20 \pm 1S/NK-2$ , pressure of pressure tank for pressure type spray gun  $0.8Kg/cm^2$  fluid inlet G3/8, atomizing pressure  $2.5-3.5Kg/cm^2$ , air inlet and CYL G1/4PF/NPF, air inlet G1/4

**FEATURES**

1. Fatigue-resistant design with light weight, easy-pull trigger
2. Easier to use and more suitable for the environment with multiple nozzle sizes and paint-feeding types
3. Suitable for water-based paint
4. Better texture with matt-chromium coating

**APPLICATIONS**

Automobile refinish, woodwork, furniture, metal (Topcoat)



**MODELS FOR AUTOMOBILE PAINTING**  
Very Fine Atomization



# MEDIUM AND LARGE SPRAY GUNS

# HEAVY VISCOSITY SPRAY GUNS



**MT-W201-C**  
(Gravity)

**MT-W301-C**  
(Gravity)



**MT-601-S**  
(Suction)

**MT-4001-G**  
(Gravity)



Model	Type of feed	Nozzle orifice Ømm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-W201-1010C	Gravity	1.0	95	160	0.24	190	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1212C	Gravity	1.2	110	170	0.24	210	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1313C	Gravity	1.3	160	180	0.24	225	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1414C	Gravity	1.4	175	190	0.24	225	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1515C	Gravity	1.5	190	200	0.24	230	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1717C	Gravity	1.7	230	210	0.24	245	G1/4 Air inlet M16X1.5 Fluid inlet	324
MT-W201-1818C	Gravity	1.8	240	220	0.24	250	G1/4 Air inlet M16X1.5 Fluid inlet	324

W201 spray distance 200mm(7.87in),Paint viscosity20±1S/NK-2,atomizing pressure 2.0-2.9Kg/cm²,air inlet G1/4,fluid inlet M16X1.5

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-W301-1212C	Gravity	1.2	250	220	0.29	185	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-1313C	Gravity	1.3	160	230	0.29	200	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-1414C	Gravity	1.4	270	240	0.29	200	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-1515C	Gravity	1.5	285	250	0.29	220	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-1717C	Gravity	1.7	330	260	0.29	245	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-1818C	Gravity	1.8	350	270	0.29	220	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-2020C	Gravity	2.0	390	280	0.29	250	G1/4 Air inlet M16X1.5 Fluid inlet	410
MT-W301-2525C	Gravity	2.5	485	290	0.29	325	G1/4 Air inlet M16X1.5 Fluid inlet	410

W301 spray distance 250mm(7.87in),Paint viscosity20±1S/NK-2,atomizing pressure 2.0-2.9Kg/cm²,air inlet G1/4,fluid inlet M16x1.5

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
<b>MT-4001-14G</b>	Gravity	1.4	480	220	0.25	170	G1/4 Air inlet M16X1.5 Fluid inlet	396
<b>MT-4001-17G</b>	Gravity	1.7	520	240	0.25	210	G1/4 Air inlet M16X1.5 Fluid inlet	396

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
<b>MT-601-14S</b>	Gravity	1.4	250	180	0.34	170	G1/4 Air inlet G3/8 Fluid inlet	503
<b>MT-601-17S</b>	Gravity	1.7	320	200	0.34	210	G1/4 Air inlet G3/8 Fluid inlet	503
<b>MT-601-20S</b>	Gravity	2.0	340	240	0.34	250	G1/4 Air inlet G3/8 Fluid inlet	503
<b>MT-601-25S</b>	Gravity	2.5	400	260	0.34	310	G1/4 Air inlet G3/8 Fluid inlet	503

MT-601 spray distance 250mm(9.84in),paint viscosity20±1S/NK-2,atomizing pressure 3.0-3.5Kg/cm²,air inlet G1/4,fluid inlet G3/8



## FEATURES

- Lower cost and environment-friendly due to paint saving, high efficiency, leading technology, very fine atomization. Suitable for painting large area
- Comfortable and flexible operation with ergonomic design
- Efficiency increased due to easy operation for control knob, large and uniform spray fan

## APPLICATIONS

For small area repair jobs or painting (Topcoat)



Model	Type of feed	Nozzle orifice $\varnothing$ mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-602-06G	Gravity	0.6	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320
MT-602-08G	Gravity	0.8	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320
MT-602-10G	Gravity	1.0	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320

MT-602G 2000G Spray distance 150mm(5.9in), Paint viscosity  $20 \pm 1$  S/NK-2, Atomizing pressure 2.0-2.5Kg/cm<sup>2</sup>, air inlet G1/4, fluid inlet M14X1

Model	Type of feed	Nozzle orifice $\varnothing$ mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-2000-06G	Gravity	0.6	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420
MT-2000-08G	Gravity	0.8	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420
MT-2000-10G	Gravity	1.0	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420

## FEATURES

- Lower cost and environment-friendly due to paint saving, high efficiency, leading technology, very fine atomization. Suitable for painting large area
- Comfortable and flexible operation with ergonomic design
- Efficiency increased due to easy operation for control knob, large and uniform spray fan

## APPLICATIONS

For small area repair jobs or painting (Topcoat)



Model	Type of feed	Nozzle orifice $\varnothing$ mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-602-06R	Gravity	0.6	65-100	—	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320
MT-602-08R	Gravity	0.8	65-100	—	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320
MT-602-10R	Gravity	1.0	65-100	—	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	320

MT-602R 2000R spray distance 150mm(5.9in), paint viscosity  $20 \pm 1$  S/NK-2, atomizing pressure 2.0-2.5Kg/cm<sup>2</sup>, air inlet G1/4, fluid inlet M14X1

Model	Type of feed	Nozzle orifice $\varnothing$ mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-2000-06R	Gravity	0.6	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420
MT-2000-08R	Gravity	0.8	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420
MT-2000-10R	Gravity	1.0	65-100	60-100	0.2	80	G1/4 Air inlet M14X1 Fluid inlet	420



# SMALL AND MEDIUM SPRAY GUN

Fine atomization  
Smooth painting  
Durability & fluid saving



## W71B/W77B SERIES

01



Needle and nozzle made of stainless steel from Japan, hardness upto HRC43-45°, After vacuum heat treatment, more wear-resistant and corrosion resistant, over 1 million times of trigger and release

02

The main body and protective cover of the gun body are processed by a five-axis linkage machining center at one time, with excellent sealing and atomization effects. Comfortable and flexible operation with ergonomic design



03



Low-consumption paint, high efficiency, fine atomization, greatly reduce spraying costs and reduce environmental pollution. The spray width is wide and the adjustment method is simple to meet various spraying needs and improve work efficiency.



## FEATURES

- Fatigue-resistant design with light weight, easy-pull trigger
- Easier to use and more suitable for the environment with multiple nozzle sizes and paint-feeding types
- Suitable for water-based paint
- Better texture with matt-chromium coating

## APPLICATIONS

Automobile,woodwork, furniture, metal,plastic.etc..(Topcoat&Primer)



**W71B-P**  
(Pressure)



**W71B-G**  
(Gravity)



**W71B-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
W71B-080P	Pressure	0.8	200	190	0.34	240	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-1002P	Pressure	1.0	300	265	0.34	230	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-101G	Gravity	1.0	110	120	0.29	75	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-1321G	Gravity	1.3	155	155	0.29	85	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-1531G	Gravity	1.5	210	185	0.29	165	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-184G	Gravity	1.8	220	230	0.29	230	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-101S	Suction	1.0	95	100	0.29	75	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-1321S	Suction	1.3	135	135	0.29	85	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-1531S	Suction	1.5	180	170	0.29	165	G1/4 Air inlet   G1/4 Fluid inlet	430
W71B-184S	Suction	1.8	195	200	0.29	230	G1/4 Air inlet   G1/4 Fluid inlet	430

## FEATURES

- Precise process and parts, durable, corrosion-resistant, wear-resistant
- Stainless steel paint passage, suitable for water-based paint
- Simple design and easy maintenance

## APPLICATIONS

Automobile, woodwork, furniture, metal, plastic.etc.  
( For primer and large area )



**W77B-P**  
(Pressure)



**W77B-G**  
(Gravity)



**W77B-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
W77B-1202P	Pressure	1.2	480	445	0.34	430	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-1511G	Gravity	1.5	285	230	0.34	180	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-2021G	Gravity	2.0	390	290	0.34	250	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-253G	Gravity	2.5	485	330	0.34	325	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-304G	Gravity	3.0	500	350	0.34	345	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-1511S	Suction	1.5	255	210	0.34	180	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-2021S	Suction	2.0	345	255	0.34	250	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-253S	Suction	2.5	435	280	0.34	325	G1/4 Air inlet   G3/8 Fluid inlet	580
W77B-304S	Suction	3.0	450	300	0.34	330	G1/4 Air inlet   G3/8 Fluid inlet	580

## FEATURES

- Lower cost and environment-friendly due to paint saving, high efficiency, leading technology, very fine atomization. Suitable for painting large area
- Comfortable and flexible operation with ergonomic design
- Efficiency increased due to easy operation for control knob, large and uniform spray fan

## APPLICATIONS

Furniture, leather etc.(Primer)



**MT-502-P**  
(Pressure)



**MT-502-G**  
(Gravity)



**MT-502-S**  
(Suction)

Model	Type of feed	Nozzle orifice Ø mm(in)	Fluid output ml/min	Pattern width mm	Atomizing air pressure Mpa	Air consumption l/min	Applied air cap model	Mass G
MT-502-14N2P	Pressure	1.4	480	400	0.34	170	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-18N2P	Pressure	1.8	520	410	0.34	210	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-20N2P	Pressure	2.0	575	420	0.34	250	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-1414G	Gravity	1.4	300	200	0.34	170	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-1818G	Gravity	1.8	340	220	0.34	210	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-2020G	Gravity	2.0	390	260	0.34	250	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-2525G	Gravity	2.5	485	330	0.34	310	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-3030G	Gravity	3.0	510	310	0.34	360	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-1414S	Suction	1.4	235	180	0.34	170	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-1818S	Suction	1.8	300	210	0.34	210	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-2020S	Suction	2.0	345	260	0.34	250	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-2525S	Suction	2.5	435	310	0.34	310	G1/4 Air inlet G3/8 Fluid inlet	396
MT-502-3030S	Suction	3.0	450	290	0.34	360	G1/4 Air inlet G3/8 Fluid inlet	396

MT-502 spray distance 250mm(9.84in), paint viscosity 20±1s/NK-2, pressure of pressure tank for pressure type spray gun 0.8Kg/cm<sup>2</sup> fluid inlet G3/8, atomizing pressure 3.0-3.5Kg/cm<sup>2</sup>, air inlet G1/4

# DIAPHRAGM PUMPS

**Industrial** for mass production and large area painting







## DIAPHRAGM PUMP

Model:DDP-10

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:0.8
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	125ml/ cycle
Max Cycle:	80Cycles/min
Max Output:	10L/min
30cycles/min Fluid Output:	3.75L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc3/8(PT3/8Male thread )
Weight:	3.5kg
Size:	240X165X225



## DIAPHRAGM PUMP

Model:DDP-15

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:1
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	750ml/ cycle
Max Cycle:	200Cycles/min
Max Output:	15L/min
30cycles/min Fluid Output:	2.25L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc3/8(PT3/8Male thread )
Weight:	4.5kg
Size:	240X220X260



Easy-clean buffer tank

Side backflow, fluid pressure more stable

Durable valve

## DIAPHRAGM PUMP

Model:DDP-10-B

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:0.8
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	125ml/ cycle
Max Cycle:	80Cycles/min
Max Output:	10L/min
30cycles/min Fluid Output:	3.75L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc3/8(PT3/8Male thread )
Weight:	3.5kg
Size:	290X230X300



## DIAPHRAGM PUMP

Model:DDP-15B

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:1
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	0.12L/ cycle
Max Output:	15L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc3/8(PT3/8Male thread )
Weight:	4kg
Size:	180X160X390





DIAPHRAGM PUMP

Model:DDP-15B-B

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:1
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	0.12L/ cycle
Max Output:	15L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc3/8(PT3/8Male thread )
Weight:	4.5kg
Size:	320X150X350

DIAPHRAGM PUMP

Model:DDP-20

SPECIFICATION	
Wetted Parts :	Aluminum
Pressure Ration :	1:1
Air Inlet Pressure :	0.15 ~ 0.7 Mpa
Fluid Output Per Cycle:	0.15L/ cycle
Max Output:	50L/min
Fluid Viscosity:	≤100second/NK-2, ≤300cps
Applicable Range of Temperature:	5-40°C
Air Inlet:	G1/4(PF1/4Female thread )
Fluid Inlet :	G1/2(PF1/2Female thread )
Fluid Outlet :	Gc1/2(PT3/8Male thread )
Weight:	5kg
Size:	210X150X250



REGULATOR  
Precise Regulation  
Model:MT-PR-A5A

SPECIFICATION	
Wetted Parts :	SUS304, Aluminum, Teflon
Pressure Range:	0~4 bar
Max Flow:	2.0L/min
Max Inlet Pressure:	15 bar
Applicable Range of Temperature:	5 - 40°C
Fluid Inlet Size:	G 3/8
Fluid Outlet Size:	G 1/4
Weight:	960g
Size(mm):	84X165X260

BLOW GUNS

- Material: Aluminum
- Air Inlet: G 1/4"
- Working Pressure
- 3.5-7 barMax Pressure: 7 Bar
- Weight: 125g



MT-DG-01A  
Lower Air Inlet



MT-DG-01A  
Upper Air Inlet



MT-DG-01  
Upper Air Inlet



MT-DG-01  
Lower Air Inlet

MT-10/MT-12

- Material: POM ◀
- Air Inlet: G 1/4" ◀
- Working Pressure ◀
- 3.5-7 bar
- Max Pressure: 8 Bar ◀



MT-10

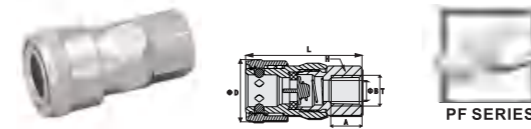
MT-12



CONTAINER

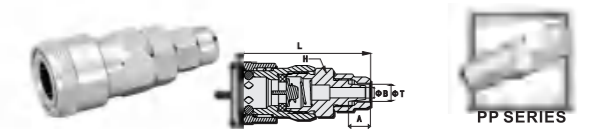


SF Series -Inner tooth type



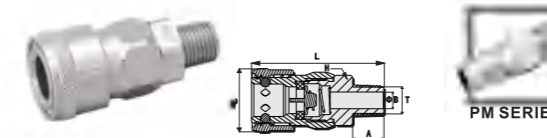
ITEM NO	Size : mm					
	L	ΦD	H	ΦT	ΦB	A
ZK01A1123-20SF	49	27	19	1/4PT	9	13
ZK01A1123-30SF	50.5	27	21	3/8PT	9	14
ZK01A1123-40SF	52.5	27	27	1/2PT	9	14

SP Series-Lock tube



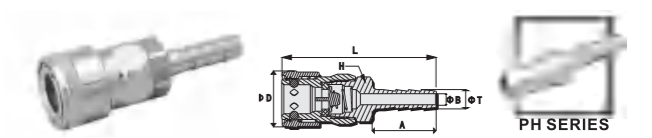
ITEM NO	Size : mm					
	L	ΦD	H	ΦT	ΦB	A
ZK01A1123-20SP	58.5	27	19	Φ 5x8	4.5	7.4
ZK01A1123-30SP	57	27	19	Φ6.5x10	5	6.4
ZK01A1123-40SP	57	27	19	Φ8x12	7	8

SM Series-outer tooth type



ITEM NO	Size : mm					
	L	ΦD	H	ΦT	ΦB	A
ZK01A1123-20SM	55	27	19	1/4PT	7	13
ZK01A1123-30SM	56.5	27	19	3/8PT	8	14
ZK01A1123-40SM	59.5	27	22	1/2PT	9	16

SH Series -Cannula type



ITEM NO	Size : mm					
	L	ΦD	H	ΦT	ΦB	A
ZK01A1123-20SH	72	27	19	Φ 8	5.2	30
ZK01A1123-30SH	76.5	27	19	Φ10	7.6	34
ZK01A1123-40SH	78.5	27	19	Φ13	9	36

PLASTIC QUICK COUPLER



MODEL	TYPE	TUBE SIZE	MODEL	TYPE	TUBE SIZE	MODEL	TYPE	TUBE SIZE
20SP+20PP	LOCK TUBE TYPE	5X8mm	20SH+20PH	CANNULA TYPE	TUBE INNER DIAMETER 8mm	20SM+20PM	OUTER TOOTH TYPE	1/4(12mm)
30SP+30PP	LOCK TUBE TYPE	6.5X10mm	30SH+30PH	CANNULA TYPE	TUBE INNER DIAMETER 10mm	30SM+30PM	OUTER TOOTH TYPE	3/8(15mm)
40SP+40PP	LOCK TUBE TYPE	8X12mm	40SH+40PH	CANNULA TYPE	TUBE INNER DIAMETER 12mm	40SM+40PM	OUTER TOOTH TYPE	1/2(20mm)



MODEL	TYPE	TUBE SIZE
20SF+20PF	INNER TOOTH TYPE	1/4(12mm)
30SF+30PF	INNER TOOTH TYPE	3/8(15mm)
40SF+40PF	INNER TOOTH TYPE	1/2(20mm)



SPARE PARTS



Using 100% high purity TPU, with flexible, high pressure resistance, anti vibration, wear resistance, resistance to bending and other characteristics. Used in pneumatic tools, automatic assembly line, equipment, machinery, gas pipelines, laboratories and other industries.



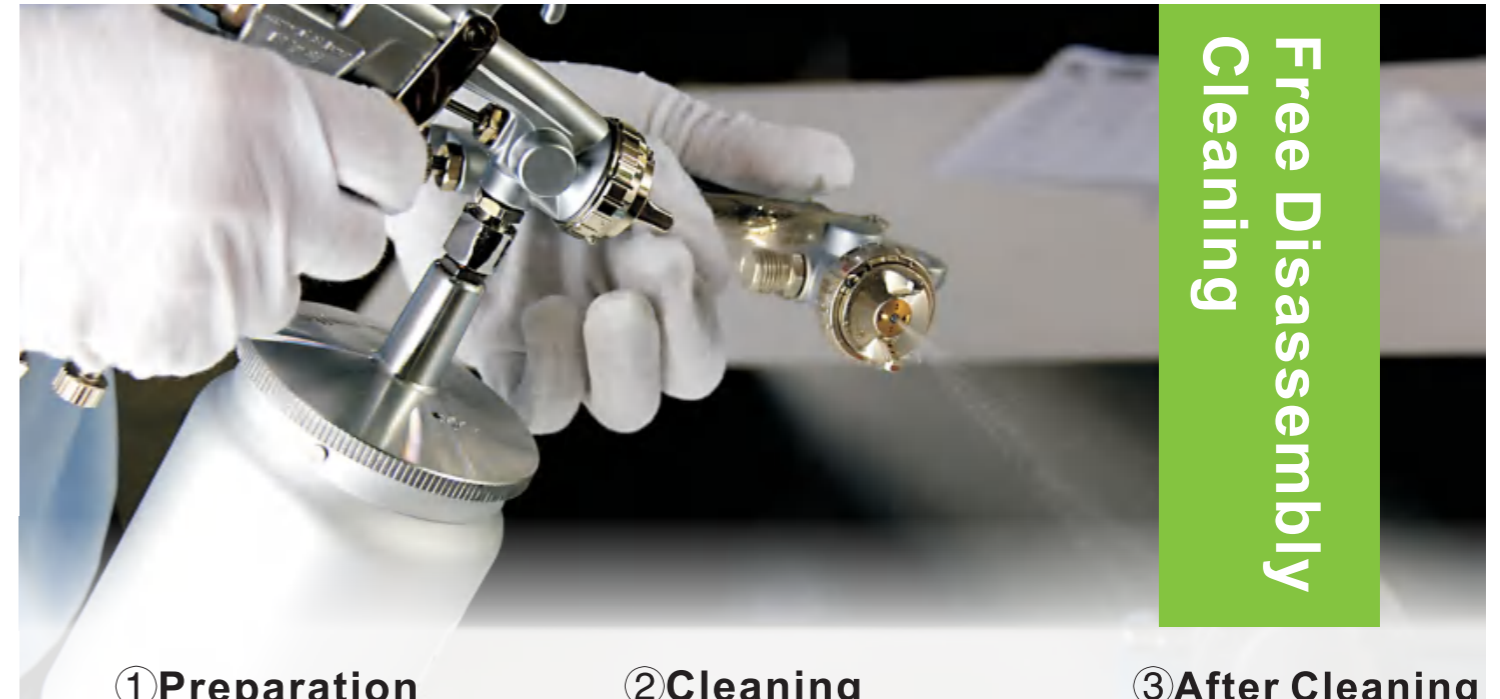
(PU Coil Tube Series)

Size	O.D (mm)	I.D (mm)	Operating pressure (kgf/cm <sup>2</sup> )	Burst pressure (kgf/cm <sup>2</sup> ) (20°C)	Length (m)	Color
PU - CL0850	8	5	8	30	6m	Transparent, Blue
PU - CL0855	8	5.5	8	26	9m	Orange, Black
PU - CL1065	10	6.5	8	28	12m	Yellow, Red
PU - CL1280	12	8	8	28	15m	Green, Other

PU Tube Series



Size	O.D (mm)	I.D (mm)	Operating pressure (kgf/cm <sup>2</sup> )	Burst pressure (kgf/cm <sup>2</sup> ) (20°C)	Length (m)	Color
PU - 0425	4	2.5	8	35	200	Transparent, Blue
PU - 0640	6	4	8	35	200	Orange, Black
PU - 0850	8	5	8	30	100	Yellow, Red
PU - 0855	8	5.5	8	26	100	Green, Other
PU - 1065	10	6.5	8	28	100	
PU - 1280	12	8	8	28	100	



① Preparation

- Prepare another spray gun and clean container
- Fill the contain with thinner
- Connect the spray gun with container and then connect the spray gun to air compressor
- Adjust the air flow to the maximum and adjust the pattern control to make the pattern round. This spray gun will be used as washing gun (Hereinafter referred to as spray gun A)

② Cleaning

- Disassemble the container from the spray gun (Hereinafter referred to as spray gun B) which need to be cleaned(to keep the spray gun connected to the air compressor can have better result)
- Put the nozzle of the spray A toward the fluid inlet of the spray gun B and wash off the paint in the paint passage, keep pulling the trigger of spray gun B while being cleaned
- Disassemble the air cap from spray B and use spray gun A to spray the holes of the air cap until the air cap is clean

③ After Cleaning

- Disconnect the spray A to the air compressor and put it to a specified position. It can be used for the next time after being filled with the thinner and connect to the air compressor

Cleaning Steps

1  
Prepare a spray gun and a container. ( Hereinafter referred to as spray gun A)

2  
Fill the container with thinner

3  
Connect the spray A to air compressor and adjust the air flow to the maximum and adjust the pattern control to make the pattern round

4  
Put the nozzle of the spray A toward the fluid inlet of the spray gun which needs to be cleaned(Hereinafter referred to as spray gun B) and wash off the paint in the paint passage, keep pulling the trigger of spray gun B while being cleaned(keep spraying for at least 40 seconds)

5  
Disassemble the air cap from spray B and use spray gun A to spray the holes of the air cap until the air cap is clean

6  
Disconnect the spray A to the air compressor and put it to a specified position. It can be used for the next time after being filled with the thinner and connect to the air compressor