

Automatic spray guns

Spray guns for mass production which are used with automatic painting equipment, reciprocators or painting robots

LPA-101
Compact type
low pressure
automatic gun



LPA-200
Large type
low pressure
automatic gun



WA-200
Large type
automatic gun



SGA-101
Mini type
automatic gun
(air piston type)
for intermittent
painting



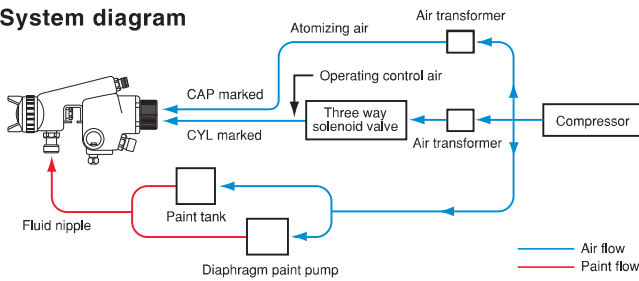
WA-101
Compact type
automatic gun

WA-101R
Round pattern
automatic gun



WA-0609
internal coating
automatic gun

System diagram



Model	Length of extension nozzle (A)	Pipe dia	Pattern curve degree (θ)
WA-1218	180mm	12mm	about 19°
WA-0915	150mm	9mm	about 14°
WA-0609	90mm	6mm	about 4°

Compact type high performance automatic guns

- ① You can change and remote control pattern width during painting by controlling center air and horn air independently, resulting in reduced overspray.
- ② You can circulate paints such as metallic paints which deposit in a short time.
- ③ Compact gun body needs small installation space and can be used with automatic painting equipment including painting robot.

[Caution]

- ① As this automatic gun has no built-in air valve, refer to system diagram on the right.
- ② Joints are available on the market.

WRA-101
Compact type

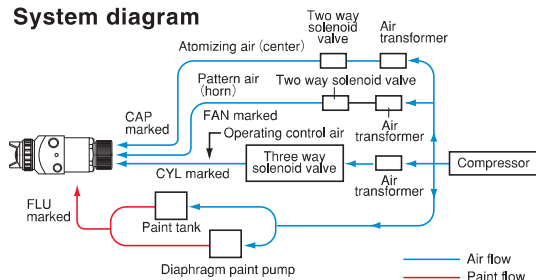


WRA-200
Large type



LRA-200
low pressure

System diagram

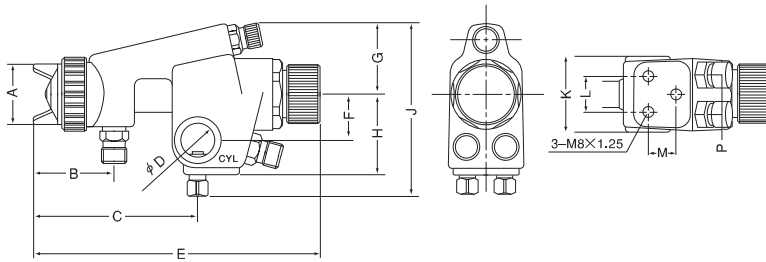


	Model	Name	Type of feed	Fluid nozzle orifice φ mm	Spray distance mm (inch)	Air pressure at gun inlet MPa (psi)	Air pressure in air cap MPa (psi)	Air consumption l/min (cfm)	Fluid output ml/min.	Pattern width mm (inch)	Applied air cap model	Required air compressor kW	Mass g (lbs)	Application		
General purpose automatic gun	SGA-101	Compact	Pressure	1.0	—	0.24 (35.6)	—	80 (2.8)	—	—	E1	0.4~	270 (0.59)	Mold release agents, water borne solvent		
	WA-101-082P (V)	Small		0.8	200 (7.9)	0.29 (42.7)	—	—	270 (9.5)	150	190 (7.5)	E2P	1.5~	460 (1.01)	Small workpieces	
	WA-101-101P (V)			90 (3.2)					100	140 (5.5)	E1	0.75~	Small fluid output			
	WA-101-102P (V)			270 (9.5)					200	220 (8.7)	E2P	1.5~	Small workpieces			
	WA-101-132P (V) ※			260 (9.2)					250	230 (9.1)	H2					
	WA-200-122P (V)	Large		1.2	250 (9.8)	0.29 (42.7)	—	—	530 (18.7)	500	400 (15.7)	G2P	2.2~	500 (1.1)	Large workpieces	
	WA-200-152P ※			330 (11.7)					270	340 (13.4)	K2					
	WA-200-202P ※			360 (12.7)					400	320 (12.6)	R2					
	WA-200-251P ※			500					330 (13.0)	W1						
	WA-101R-05P (V)	Round pattern		Pressure	0.5	200 (7.9)	—	—	—	40 (1.4)	20	35 (1.4)	—	0.2~0.4	440 (0.97)	Small workpieces, touch-ups
	WA-1218	Internal coating		Pressure (Gravity)	0.6	200 (7.9)	0.29 (42.7)	—	—	73 (2.6)	17	48 (1.9)	—	0.4	555 (1.22)	Internal coating of small tube
	WA-0915				55 (1.9)					9	36 (1.4)	—	510 (1.12)			
	WA-0609				48 (1.7)					6	32 (1.3)	—	475 (1.05)			
	WA-200-201ZP	Ceramic		Pressure	2.0	250 (9.8)	0.34 (49.8)	—	500 (17.7)	760	370 (14.6)	R1Z	2.2~3.7	500 (1.1)	Ceramic enamels, abrasives similarly abrasive fluids	
WA-200-251ZP	2.5															
Low pressure automatic gun	LPA-101-101P (V)	Small	Pressure	1.0	200 (7.9)	0.26 (38.4)	0.07 (10.0)	430 (15.2)	150	200 (7.9)	E1	2.2~3.7	460 (1.01)	Small workpieces		
	LPA-200-122P (V)	Large	1.2	200 (7.9)	0.20 (28.4)	—	500 (17.7)	500	300 (11.8)	G2	—	500 (1.1)	Large workpieces			
Mounted on robot	WRA-101-082P (V)	Small	Pressure	0.8	200 (7.9)	Atomizing air 0.26 (38.4) Pattern air 0.22 (31.3)	—	270 (9.5)	150	190 (7.5)	E2P	1.5	300 (0.66)	Small workpieces		
	WRA-200-122P (V)	Large		1.2	250 (9.8)	0.24 (34.1) 0.26 (38.4)	—	530 (18.7)	500	400 (15.7)	G2P	2.2~3.7	325 (0.72)	Large workpieces		
	LRA-200-122P (V)	Low pressure		200 (7.9)	0.14 (19.9) 0.16 (22.8)	0.07 (10.0)	500 (17.7)	300 (11.8)	G2							

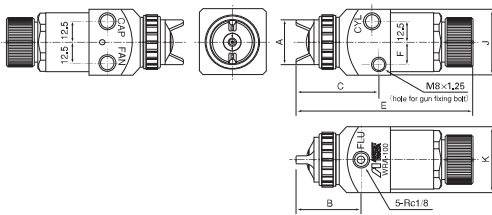
Note) ※marked WA-101 and 200 models are used as either gravity feed or suction feed. (Fluid output shows gravity feed type)
Regarding (V) marked models, you can select them equipped with locknut type fluid adj. set (stepless adj. system).
Fluid nipple: G1/4 for WA-101/LPA-101 and G3/8 for WA-200/LPA-200.
Air nipple: G1/4 for all models but WRA and LRA are without both fluid and air nipples.

Automatic spray guns

Fitting dimensions (mm)



Dimensional drawing for WRA and LRA



Model	A	B	C	D (φ)	E	F	G	H	J	K	L	M	P
WA-101	27	44.5	85.5	16	147	23.5	36	40.5	86	38	18	14.5	20
WA-101R	27	37.5	79	16	140.5	23.5	35	40.5	85	38	18	14.5	20
WA-200	30.5	47.5	89	16	148.5	23.5	36	40.5	86	38	18	14.5	20
LPA-101	27	47	88.5	16	150	23.5	36	40.5	86	38	18	14.5	20
LPA-200	30.5	47.5	89	16	148.5	23.5	36	40.5	86	38	18	14.5	20
WRA-101	27	40	51	—	109	14.5	—	—	40	40	Position to attach gun stay differs from the above drawing.		
WRA-200	30.5	48	56	—	111	14.5	—	—	40	40			
LRA-200	30.5	48	56	—	111	14.5	—	—	40	40			
SGA-101	27	—	34	10	—	34							
WA-1218	12	—	266	16	—	23.5							
WA-0915	9	—	235	16	—	23.5							
WA-0609	6	—	175	16	—	23.5							

Diaphragm paint pump with elevated stand

- Stand type which can move pump itself upwards or downwards.
- It is easy to replenish paint.
- Most suitable when you supply paints to multiple color painting line by placing several sets in a row.



DPS-90LE

Paint tank would not be attached in product. Agitator would be provided as option item.