

Compact spray gun

W-101

① Lower atomizing air pressure coupled with high atomization

We have reduced both overspray and triggering load by reducing atomizing air pressure (at gun handle) by 0.05 MPa. Atomization effect is better than previous model.

② Wide lineup range

We have added 1.3 and 1.5Φmm to pressure feed type. For automotive refinish, the popular 13H21 type has been expanded to 134G /134S.



W-101-082P
Pressure feed type



W-101-132G
Gravity feed type
PC-4S
cup (option)

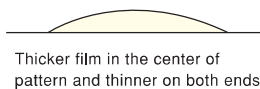


W-101-151S
Suction feed type
PCL-7B-2
container (option)

Model	Previous model	Type of feed	Fluid nozzle orifice φ mm	Atomizing air pressure MPa (psi)	Air consumption ℓ / min (cfm)	Fluid output ml / min.	Pattern width mm (inch)	High atomization	General atomization	Applied air cap model	Required air compressor kW	Mass g (lbs.)	Application		
W-101-082P	W-100-082P	Pressure	0.8	0.29 (42)	270 (9.5)	150	190 (7.5)	●		E2P	1.5	295	Automobile, woodwork, furniture, metal, plastic		
W-101-102P	W-100-102P	Pressure	1.0				200	220 (8.7)	●						
W-101-132P	W-100-132P	Pressure	1.3				220 (7.8)	210 (8.3)	●						
W-101-152P	W-100-152P	Pressure	1.5				250	240 (9.4)	●						
W-101-101S	W-100-101S	Suction	1.0	0.24 (34.8)	75 (2.6)	85	120 (4.7)		●	E1	0.4~0.75	295	Light industry, hobby		
W-101-101G	W-100-101G	Gravity	1.0				95	130 (5.1)		●			K1		
W-101-131S	W-100-131S	Suction	1.3			145 (5.1)	150	155 (6.1)		●	K1	0.75~1.5	295	Automotive refinish,* woodwork, furniture, metal, plastic	
W-101-131G	W-100-131G	Gravity	1.3					160	170 (6.7)					●	
W-101-132S	W-100-132S	Suction	1.3			225 (7.9)	150	160 (6.3)	●		H2	0.75~1.5	295	Automotive refinish,* woodwork, furniture, metal, plastic	
W-101-132G	W-100-132G	Gravity	1.3					160	175 (6.9)	●				H2	
W-101-134S	W-100-134S	Suction	1.3			0.20 (29)	210 (7.4)	140*	180* (7.1)	●		H4	0.75~1.5	295	Automotive refinish,* woodwork, furniture, metal, plastic
			0.24 (34.8)			250 (8.8)	145	200 (7.9)							
W-101-134G	W-100-134G	Gravity	1.3	0.20 (29)	210 (7.4)	155*	205* (8.1)								
			0.24 (34.8)	250 (8.8)	170	220 (8.7)									
W-101-151S	W-100-151S	Suction	1.5	0.24 (34.8)	145 (5.1)	175	170 (6.7)		●	K1	0.75~1.5	295	Woodwork, furniture, metal		
W-101-151G	W-100-151G	Gravity	1.5				200	180 (7.1)					●		
W-101-152S	W-100-152S	Suction	1.5			225 (7.9)	170	175 (6.9)	●		H2	0.75~1.5	295	Automotive refinish, woodwork, furniture, metal	
W-101-152G	W-100-152G	Gravity	1.5					190	190 (7.5)	●					
W-101-181S	W-100-181S	Suction	1.8			170 (6.0)	210	170 (6.7)		●	N1	0.75~1.5	295	Woodwork, furniture, metal	
W-101-181G	W-100-181G	Gravity	1.8					240	190 (7.5)					●	

● All models, spray distance: 200mm ● Paint viscosity: 22 sec. (20 sec/NK-2). * marked case: 16 sec. (12sec./NK-2) ● All models, fluid nipple: G1/4, air nipple: G1/4

W-101-131S/G



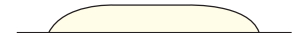
Thicker film in the center of pattern and thinner on both ends.

W-101-132S/G



Film is more uniform and thinner on the whole.

W-101-134S/G



Suitable for overlapping spray several times. A wide pattern of high atomization, uniform mist dispersion and film thickness even at a short spray distance.

※ Three kinds of air cap sets are prepared for W-101 type 1.3mm spray guns.

Large type spray gun

W-200

① Lower atomizing air pressure and noise level

We have reduced air noise level during operation by about 5dB (A) by reducing atomizing air pressure (at gun handle) by 0.05 MPa, in addition to reduction of overspray.

② Improved atomization

W-200-122P is easy to spray at line painting for high atomization. New W-200-182S can be used in a wide field such as automotive refinish and woodwork.

W-200-152G
Gravity feed
PC-4
cup (option)



W-200-122P
Pressure feed



W-200-202S
Suction feed
PCL-10B-3
container (option)



Model	Previous model	Type of feed	Fluid nozzle orifice φ mm	Atomizing air pressure MPa (psi)	Air consumption l / min (cfm)	Fluid output ml / min.	Pattern width mm (inch)	High atomization	General atomization	Applied air cap model	Required air compressor kW	Mass g (lbs)	Application				
W-200-122P	W-87-12G2P W-90-12G2P	Pressure	1.2	0.29 (42.7)	560 (19.8)	500	400 (15.7)	●		G2P	2.2~3.7	380 (0.84)	Large workpieces and line painting such as large parts and vehicles				
W-200-151S	W-87-15K5S W-90-14J5S	Suction	1.5		200 (7.1)	240	210 (10.3)		●	K1	0.75~1.5		380 (0.84)	Woodwork, furniture, metal			
W-200-151G	W-87-15K5G	Gravity				270	220 (8.7)										
W-200-152S	W-87-15K2S W-90-14J2S	Suction				240	290 (11.4)										
W-200-152G	W-87-15K2G	Gravity				270	320 (12.6)	●			K2						
W-200-182S	W-90-18N2S	Suction	1.8		0.29 (42.7)	260 (9.2)	290	340 (13.4)				1.5~2.2	380 (0.84)	Automotive refinish, woodwork, furniture (finish), plastic (top coat)			
W-200-201S	W-87-20R5S W-90-18N5S	Suction	2.0				360 (12.7)	350	260 (10.2)		●			R1		380 (0.84)	Metal, woodwork, furniture, medium viscosity
W-200-201G	W-87-20R5G	Gravity						410	280 (11.0)								
W-200-202S	W-87-20R2S	Suction						350	290 (11.4)	●					R2		
W-200-202G	W-87-20R2G	Gravity				410		320 (12.6)									
W-200-251S	W-87-25W5S W-90-25W2S	Suction	2.5			360 (12.7)	440	280 (11.0)		●	W1		380 (0.84)	Metal, woodwork, furniture, anti-corrosion on steel frame, adhesives, high viscosity			
W-200-251G	W-87-25W5G	Gravity						510	310 (12.2)								

● All models, spray distance: 250mm ● Paint viscosity: 22 sec. (20 sec/NK-2). ● All models, fluid nipple: G3/8, air nipple: G1/4

(Note) When you spray corrosive paints in a car maker or consumer electronics line (pressure feed) with a spray gun with large fluid output at high frequency, we prepare a fluid nozzle and fluid needle set made of anti-corrosive material.

Waterborne paint spray gun

W-300WB/W-400WB

We are facing an environmental issue on a global basis today, especially in the automotive refinishing market, whose paint trend is changing from solvent borne paints to waterborne paints in order to address such an issue.

To meet the need for change in today's automotive refinishing market, these spray guns have been developed to create optimum atomization for waterborne paints with particular features.

Features:

1. Fluid nozzle design

The patented concave and slit design fluid nozzle can help to create a fine and even atomization with lower air pressure and air consumption for waterborne paints which have higher viscosity.

2. Special air cap

The specially designed air cap for specific waterborne paints can create a thin and even pattern.

3. Global recommendation

These spray guns are recommended by leading paint manufacturers throughout the world as the designated spray gun for their waterborne paints.



Waterborne paint spray gun
W-300WB-141G
gravity feed
PCG-2P-2
cup (option)



Waterborne paint spray gun
W-400WB-142G
gravity feed
PCG-6P-M
cup (option)



New fluid nozzle mechanism
(No.3359771 W-300WB/400WB)

Name	Model	Type of feed	Fluid nozzle orifice φ mm (inch)	Atomizing air pressure MPa (psi)	Air consumption ℓ/min (cfm)	Fluid output ml/min.	Pattern width mm (inch)	High atomization	General atomization	Applied air cap model	Required air compressor kW	Mass g (lbs)	Application
Waterborne paint spray gun	W-300WB-141G	Gravity	1.4	0.15 (21.8)	190 (6.7)	125	250 (9.8)		●	WB1	0.75~1.5	320 (0.71)	Automotive refinish
	W-400WB-141G			0.18 (26.1)	230 (8.1)	160	290 (11.4)			WB1	1.5~2.2	380 (0.84)	
	W-400WB-142G				390 (13.8)		300 (11.8)	●		WB2			

●All models, spray distance : 200mm ●Paint viscosity : 22 sec. (20 sec/NK-2)

●As for W-400WB, fluid nipple M16×1.5 (male) , air nipple G1/4. As for W-300WB fluid nipple G1/4 (female) , air nipple G1/4.

Small and medium spray guns

W-71/W-61/W-77

● Delivery conditions of these models will be longer in some cases.



W-71-1S
suction feed
PCL-10B-2
container
(option)



W-61-3G
gravity feed
PC-4S
cup (option)



W-77-02
pressure
feed

How to read model names

Ex. **W-77-21G**

- Type of feed G : Gravity type
S : Suction type
- 1, 2, 3, general purpose
- 11, 12, 31, high quality painting
- 0 (zero) mass production painting
- gun body W71, W61 : small
W77 : medium

Model	Type of feed	Fluid nozzle orifice φ mm	Spray distance mm (inch)	Atomizing air pressure MPa (psi)	Air consumption l/min (cfm)	Fluid output ml/min.	Pattern width mm (inch)	Required air compressor kW	Mass g (lbs)	Standard container or cup		
Small spray guns	W-71-0	Pressure	0.8	200 (7.9)	0.34 (49.8)	240 (8.5)	200	190 (7.5)	1.5	Paint tank, diaphragm paint pump		
						230 (8.1)	300	265 (10.4)				
	W-71-1S	Suction	1.0	200 (7.9)	0.29 (42.7)	75 (2.6)	95	100 (3.9)	0.4	450 (0.99)	Container PC-1S (1000 ml) PC-2 (600 ml) PC-3 (400 ml) PCL-10B-2 (1000 ml) PCL-7B-2 (700 ml)	
						85 (3.0)	135	135 (5.3)				
						165 (5.8)	180	170 (6.7)				
						195 (6.9)	140	155 (6.1)				
						230 (8.1)	170	170 (6.7)				
						230 (8.1)	195	195 (7.7)				
	W-71-1G	Gravity	1.0	200 (7.9)	0.29 (42.7)	75 (2.6)	110	120 (4.7)	0.4	450 (0.99)	Side mount cup PC-4S (400 ml) PC-5 (250 ml) PCG-6P-2 (600 ml) PC-51 (220 ml) (stainless steel) PC-61 (130 ml) (stainless steel) PC-150S-2LF PC-400S-2LF PC-250S-2LF	
						85 (3.0)	155	155 (6.1)				
						165 (5.8)	210	185 (7.3)				
						195 (6.9)	160	165 (6.5)				
						230 (8.1)	190	185 (7.3)				
						230 (8.1)	220	220 (8.7)				
W-61-0	W-61-0	Pressure	0.8	200 (7.9)	0.34 (49.8)	200 (7.1)	200	190 (7.5)	1.5	Paint tank, diaphragm paint pump		
						75 (2.6)	95	100 (3.9)				
	W-61-1S	Suction	1.0	200 (7.9)	0.29 (42.7)	85 (3.0)	135	135 (5.3)	0.4	420 (0.92)	Container PC-3 (400 ml) PC-1S (1000 ml) PCL-10B-2 (1000 ml) PC-2 (600 ml) PCL-7B-2 (700 ml)	
						150 (5.3)	160	185 (7.3)				
						75 (2.6)	110	120 (4.7)				
						85 (3.0)	155	155 (6.1)				
W-61-2G	Gravity	1.3	200 (7.9)	0.29 (42.7)	85 (3.0)	155	155 (6.1)	0.4	420 (0.92)	Side mount cup PC-4S (400 ml) PC-5 (250 ml) PC-51 (220 ml) (stainless steel) PC-61 (130 ml) (stainless steel) PC-150S-2LF PC-400S-2LF PC-250S-2LF		
					150 (5.3)	190	220 (8.7)					
Medium spray guns	W-77-0	Pressure	1.2	250 (9.8)	0.34 (49.8)	430 (15.2)	480	445 (17.5)	2.2~3.7	550 (1.21)	Paint tank, diaphragm paint pump	
						420 (14.8)		400 (15.7)				
	W-77-02	Suction	1.5	250 (9.8)	0.34 (49.8)	180 (6.4)	255	210 (8.2)	0.75~1.5	550 (1.21)	Container PC-1 (1000 ml) PCL-10B-3 (1000 ml) PCL-7B-3 (700 ml) PC-19R (1000 ml)	
						290 (10.2)		260 (10.2)				
						370 (13.1)		230 (9.1)				
						250 (8.8)		345				255 (10.0)
						340 (12.0)		350				270 (10.6)
						325 (11.5)		435				280 (11.0)
	W-77-1S	Suction	2.0	250 (9.8)	0.34 (49.8)	180 (6.4)	285	230 (9.1)	0.75~1.5	550 (1.21)	Side mount cup PCG-6P-3 (600 ml) PC-4 (400 ml)	
						290 (10.2)		290 (11.4)				
						370 (13.1)		255 (10.0)				
						250 (8.8)		390				290 (11.4)
						340 (12.0)		335 (13.2)				
						325 (11.5)		485				330 (13.0)
W-77-1G	Gravity	1.5	250 (9.8)	0.34 (49.8)	180 (6.4)	285	230 (9.1)	0.75~1.5	550 (1.21)	Side mount cup PCG-6P-3 (600 ml) PC-4 (400 ml)		
					290 (10.2)		290 (11.4)					
					370 (13.1)		255 (10.0)					
					250 (8.8)		390				290 (11.4)	
					340 (12.0)		335 (13.2)					
					325 (11.5)		485				330 (13.0)	

● W-71, W-61, fluid nipple: G1/4 (PF1/4), air nipple: G1/4 (PF1/4); W-77, fluid nipple: G3/8 (PF3/8), air nipple: G1/4 (PF1/4)