

LOW-PRESSURE ATOMIZATION HAND SPRAY GUNS

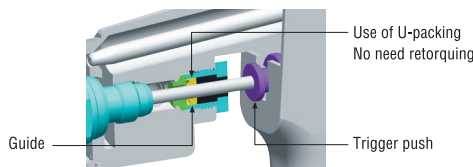
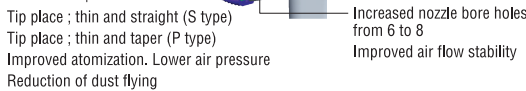
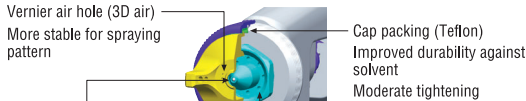
F110L Series



F110L-P

F110L-S
with 7SB
paint cup

F110L-G
with 4GB-U
paint cup



*Paint cup should be ordered separately.

Use of 3D air

Exceptional atomization at a very low air cap internal pressure (0.07MPa(10PSI) for pressure & suction type, and 0.05MPa(7PSI) for gravity type).

3D air, whose air flow direction is diagonal, realizes more stable spraying pattern.

Higher transfer efficiency, low spattering, and environment-friendly while lowering costs.

Lower air pressure design realizes saving by about 30% in the air consumption and improving by about 10% of transfer efficiency. Furthermore, less spattering paint brings less paint volume and improvement of working environment.

Waterborne compatibility

Stainless steel passage for waterborne compatibility.

Beautiful finishing

The use of nickel plating brings improvement of wear and corrosion resistance.

Easy-to-use

The use of U-packing in the needle packing place brings free-maintenance, such as no necessary retorquing etc.

Concept and features of low-pressure atomizing spray guns

With a low-pressure atomizing spray gun, the air cap internal pressure is low and the air cap nozzle bore is large, so the airflow velocity drops immediately after the paint is released into the atmosphere.

This slows down the atomization rate, reducing splashback and realizing the high transfer efficiency.

As a result, paint consumption is reduced by about 15 to 30% compared with a multipurpose spray gun (Meiji product comparison).

Reducing spattering and splashback not only creates a better work environment, but also reduces spray booth maintenance.

Model No.	Paint feed system	Nozzle bore mm(in)	Spraying pressure MPa(PSI)	Air pressure inside cap MPa(PSI)	Spraying distance mm(in)	Air consumption L/min(cfm)	Paint spraying volume mL/min	Maximum effective pattern width mm(in)	Pattern shape	Required compressor output kW	Weight g (lbs)(oz)	Standard paint cup
F110L-P08LP	Pressure	0.8(0.031)	0.18(26)	0.07(10)	200(7.874)	345(12.2)	165	230(9.055)	Tulip	3.7 or more	308 (0.68)(10.9)	Paint pressure feed tanks, diaphragm paint pumps
F110L-P10LP		1.0(0.039)					225	250(9.843)				
F110L-P13LP		1.3(0.051)					320	270(10.630)				
F110L-S20LS	Suction	2.0(0.079)	0.15(22)	0.07(10)	200(7.874)	265(9.4)	110	270(10.630)	Tulip	3.7 or more	308 (0.68)(10.9)	7SB, 10SB-2, 7SLB
F110L-G13LS	Gravity	1.3(0.051)	0.12(17)	0.05(7)	200(7.874)	235(8.3)	100	260(10.236)	Tulip	3.7 or more	308 (0.68)(10.9)	1G-2U, 2GD, 4GD, 4GF-U, 4GB-U, 4GPA-U, 4G-TA
F110L-G15LS		1.5(0.059)					115	270(10.630)				

• Paint viscosity should be 20 seconds for lacquer enamel using a Meiji model V-1 viscosity cup. • Feed pressure should be 0.08MPa(12PSI) for P types. • Air and paint inlet : G1/4

LOW-PRESSURE ATOMIZATION AUTOMATIC SPRAY GUNS

A110L Series

Use of 3D air

Exceptional atomization at a very low air cap internal pressure of 0.07MPa(10PSI).

3D air, whose air flow direction is diagonal, realizes more stable spraying pattern.

Higher transfer efficiency, low spattering, and environment-friendly while lowering cost.

Lower air pressure design realizes saving by about 30% in the air consumption and improving by about 10% of transfer efficiency. Furthermore, less spattering paint brings less paint volume and improvement of working environment.

Remote control compatible

Spraying pattern can be adjusted by remote control.

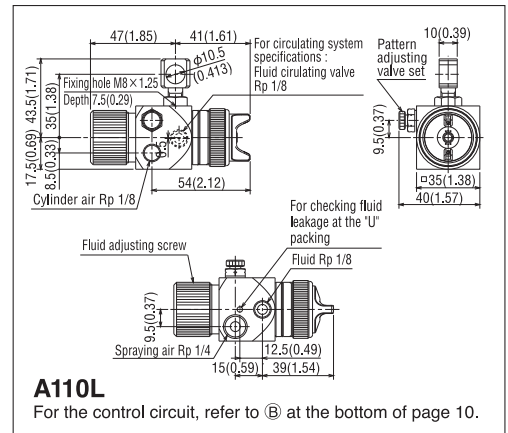
Tube fixtures

Commercially available fixtures are used for the air and paint connection ports for easier use.



A110L-P

Dimensions mm(in)



Model No.	Nozzle type	Paint feed system	Nozzle bore mm(in)	Spraying pressure MPa(PSI)	Air pressure inside cap MPa(PSI)	Spraying distance mm(in)	Air consumption L/min(cfm)	Paint spraying volume mL/min	Maximum effective pattern width mm(in)	Weight g (lbs)(oz)
A110L-P06LP	F110L	Pressure	0.6(0.023)	0.18(26)	0.07(10)	200(7.874)	345(12.2)	85	190(7.480)	206 (0.45)(7.3)
A110L-P08LP			0.8(0.031)					165	230(9.055)	
A110L-P10LP			1.0(0.039)					225	250(9.843)	
A110L-P13LP			1.3(0.051)					320	270(10.630)	

• Paint viscosity should be 20 seconds for lacquer enamel using a Meiji model V-1 viscosity cup. • Feed pressure should be 0.08MPa(12PSI).

• Circulation type is available. Please specify the circulation type on your order.