

AUTOMATIC SPRAY GUNS



FA110/FA210/A110/A210 JA/SA/A55/AHS2A Series

New atomization system (FA110, FA210, A110, A210, SA110)

Realizing high quality paint film by optimum spraying pattern volume.

Lightweight and compact

The lightweight, compact design allows installation even in confined spaces.

Highly durable non-lubricated type (FA110, FA210, A110, A210)

The use of a special "U" needle packing on the paint line improves durability and eliminates any need for lubrication. Durability is further improved by use of a Teflon needle packing on the air line.

Adaptable for remote control

(A110, A210) (This performance is option in FA type.) The pattern can be adjusted (opened and closed) by remote control using compressed air.

Stainless steel passage for waterborne compatibility (FA110, FA210)

Type	Model No.	Nozzle type	Paint feed system	Nozzle bore mm(in)	Standard air cap	Spraying pressure MPa(PSI)	Spraying distance mm(in)	Air consumption L/min(cfm)	Paint spraying volume mL/min	Maximum effective pattern width mm(in)	Pattern shape	Weight g (lbs)(oz)	Main application						
With a built-in spraying air valve	FA110-P08P	F110	Pressure	0.8(0.031)	08P	0.25(36)	200(7.874)	220(7.8)	180	230(9.055)	Tulip	504 (1.11)(17.8)	Small object, low viscosity, top coating						
	FA110-P10P			1.0(0.039)	10P			230(8.1)	245	240(9.449)			Small object, low and middle viscosity, top coating						
	FA110-P13P			1.3(0.051)	13P			280(9.9)	310	270(10.630)			Small object, low and middle viscosity, top coating						
	FA110-P15P			1.5(0.059)	15P			290(10.2)	330	275(10.827)			Small object, low and middle viscosity, top coating						
	FA210-P12P			1.2(0.047)	12P			335(11.8)	530	350(13.780)			Large object, low viscosity, top coating						
	FA210-P15P			1.5(0.059)	15P			345(12.2)	880	370(14.567)			Large object, middle viscosity, surface and top coating						
Multi-purpose	FA210-P20P	F210	Pressure	2.0(0.079)	20P	0.25(36)	250(9.843)	375(13.2)	1,280	400(15.748)	Tulip	515 (1.14)(18.2)	Large object, middle viscosity, surface and top coating						
	FA210-P25P			2.5(0.098)	25P			410(14.5)	1,710	420(16.535)			Large object, high viscosity						
	A110-P08P	F110	Pressure	0.8(0.031)	08P	0.25(36)	200(7.874)	220(7.8)	180	230(9.055)	Tulip	191 (0.42)(6.7)	Small object, low viscosity, top coating						
	A110-P10P			1.0(0.039)	10P			230(8.1)	245	240(9.449)			Small object, medium viscosity, surface and top coating						
	A110-P13P			1.3(0.051)	13P			280(9.9)	310	270(10.630)			Small object, medium viscosity, surface and top coating						
	A110-P15P			1.5(0.059)	15P			290(10.2)	330	275(10.827)			Small object, medium viscosity, surface and top coating						
	A210-P12P			1.2(0.047)	12P			335(11.8)	530	350(13.780)			Large object, low viscosity, top coating						
	A210-P15P			1.5(0.059)	15P			345(12.2)	880	370(14.567)			Large object, middle viscosity, surface and top coating						
	Semi-automatic	A210-P20P	F210	Pressure	2.0(0.079)	20P	0.25(36)	250(9.843)	375(13.2)	1,280	400(15.748)	Tulip	248 (0.55)(8.7)	Large object, middle viscosity, surface and top coating					
		A210-P25P			2.5(0.098)	25P			410(14.5)	1,710	420(16.535)			Large object, high viscosity					
JA110-P08P		F110	Pressure	0.8(0.031)	08P	0.25(36)	200(7.874)	220(7.8)	180	230(9.055)	Tulip	143 (0.32)(5.0)	Small object, low viscosity						
JA110-P10P				1.0(0.039)	10P			230(8.1)	245	240(9.449)			Small object, low viscosity						
JA110-P13P				1.3(0.051)	13P			280(9.9)	310	270(10.630)			Small object, middle viscosity						
JA110-P15P				1.5(0.059)	15P			290(10.2)	330	275(10.827)			Small object, middle viscosity						
SA110-P08P				F110	Pressure			0.8(0.031)	08P	0.25(36)			200(7.874)	220(7.8)	180	230(9.055)	Tulip	108 (0.24)(3.8)	Low viscosity
SA110-P10P								1.0(0.039)	10P					230(8.1)	245	240(9.449)			Middle viscosity
SA110-P13P		1.3(0.051)	13P			280(9.9)	310	270(10.630)	Middle viscosity										
SA110-P15P		1.5(0.059)	15P			290(10.2)	330	275(10.827)	Middle viscosity										
Compact	A55-P05R	F55	Pressure	0.5(0.020)	—	0.2(29)	100(3.937)~150(5.906)	30(1.06)	100	~25(0.984)	Round	79 (0.17)(2.8)	Small object, low viscosity						
	A55-P08R			0.8(0.031)	—			240	~35(1.378)	Small object, low viscosity									
	A55-P05			0.5(0.020)	—			100	~90(3.543)	Small object, low viscosity									
	A55-P08			0.8(0.031)	—			240	~120(4.724)	Small object, low viscosity									
High viscosity	AHS2A-P30	HS2	Pressure	3.0(0.118)	—	0.29(42)	—	160(5.6)	—	260(10.236)	Triangle	480 (1.06)(16.9)	Large object, high viscosity						
	AHS2A-P40			4.0(0.157)	—			180(6.4)	—	260(10.236)			Large object, high viscosity						

• For 110 and 210; Paint viscosity should be 20 seconds for lacquer enamel using a Meiji model V-1 viscosity cup. • For AHS2A; Paint viscosity should be 22 seconds for lacquer enamel using a Meiji model V-1 viscosity cup. • Feed pressure should be 0.08MPa(12PSI) for 110 and 210 types, 0.1MPa(15PSI) for AHS type.

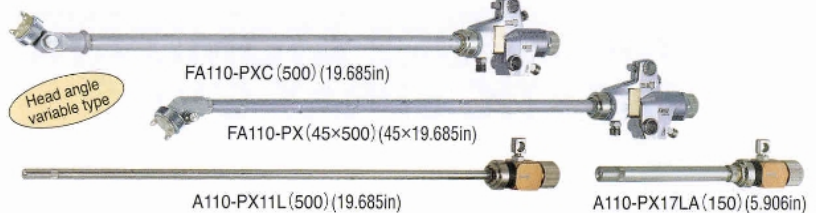
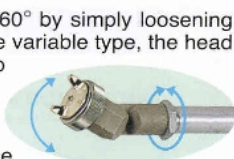
• Circulation type is available in FA110, FA210, A110, A210 and AHS2A. Please specify the circulation type on your order.

EXTENSION AUTOMATIC SPRAY GUNS

FA110/A110 Series

The head angle can be adjusted 360° by simply loosening the base nut. Besides in head angle variable type, the head angle can be adjusted from 90° to -90° by loosening the top bolt.

(Head angle variable type only) In A110 type, by making another pattern air circuit, you can adjust the spraying pattern by remote control. (This performance is option in FA type.)



Type	Model No.	Type	Paint feed system	Nozzle bore mm(in)	Standard air cap	Spraying pressure MPa(PSI)	Spraying distance mm(in)	Air consumption L/min(cfm)	Paint spraying volume mL/min	Maximum effective pattern width mm(in)	Head angle and inner dia. into which head can be inserted mm(in)	Pipe length mm(in)	Weight g (lbs)(oz)				
With a built-in spraying air valve	FA110-PXC10P	Head angle variable type extension automatic spray gun	Pressure	1.0(0.039)	10P	0.25(36)	200(7.874)	160(5.7)	190	210(8.268)	0°:40(1.575)	500(19.685)	834 (1.84)(29.4)				
	FA110-PXC13P			1.3(0.051)	13P			175(6.2)	235	220(8.661)	90°:60(2.362)						
	FA110-PX10P	Extension automatic spray gun	Pressure	1.0(0.039)	10P	0.25(36)	200(7.874)	180(6.4)	245	230(9.055)	0°:40(1.575)	500(19.685)	784 (1.73)(27.7)				
	FA110-PX13P			1.3(0.051)	13P			195(6.9)	310	240(9.449)	45°:55(2.165)						
	FA110-PX11L			1.5(0.059)	—			0.25(36)	200(7.874)	70(2.5)	120			60(2.362)	0°:13(0.512) (straight only)	1,500(59.055)	760 (1.68)(26.8)
	FA110-PX17LA			1.3(0.051)	—			0.3(44)	150(5.906)	30(1.181)	180(6.4)			130	100(3.937)	0°:20(0.787) (straight only)	1,800(70.866)*
Multi-purpose	A110-PXC10P	Head angle variable type extension automatic spray gun	Pressure	1.0(0.039)	10P	0.25(36)	200(7.874)	160(5.7)	190	210(8.268)	0°:40(1.575)	500(19.685)	534 (1.18)(18.8)				
	A110-PXC13P			1.3(0.051)	13P			175(6.2)	235	220(8.661)	90°:60(2.362)						
	A110-PX10P	Extension automatic spray gun	Pressure	1.0(0.039)	10P	0.25(36)	200(7.874)	180(6.4)	245	230(9.055)	0°:40(1.575)	500(19.685)	464 (1.02)(16.4)				
	A110-PX13P			1.3(0.051)	13P			195(6.9)	310	240(9.449)	45°:55(2.165)						
	A110-PX11L			1.5(0.059)	—			0.25(36)	200(7.874)	70(2.5)	120			60(2.362)	0°:13(0.512) (straight only)	1,000(39.370)	440 (0.97)(13.5)
	A110-PX17LA			1.3(0.051)	—			0.3(44)	150(5.906)	30(1.181)	180(6.4)			130	100(3.937)	0°:20(0.787) (straight only)	1,500(59.055)

• Pipe length with mark * is the maximum length, and it is possible to make the pipe length in 50mm(1.967in) measure within maximum length.

• Use of the longer pipe will result in reducing paint spraying volume. • 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 model PX17LA; Paint viscosity should be 12 seconds, 20 seconds in parenthesis, and the feed pressure should be 0.08MPa(12PSI), 0.03MPa(4PSI) in parenthesis.

• Nozzle bore of 0.8mm(0.031in) and 1.5mm(0.059in) for PX(PXC) type is available. • Specifications is for spray guns of pipe length 500mm(19.685in).

Remarks

- Head angle cannot be changed when the spray gun is in use, and shall be changed after cleaning the paint circuit with no fluids inside. Due to its design and structure, please avoid changing the angle frequently.
- When the spray gun is in use, please do not loosen the Air cap nut. When changing direction of Air cap, Air cap itself shall be turned without loosening the Air cap nut.
- Fluid viscosity shall be less than 30sec by using Meiji V-1 model viscosity cup. Fluids with high viscosity may result in less ejection amount.