

# 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 paint 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)										
	FA110-P13P			1.3(0.051)	13P			280(9.9)	310	270(10.630)										
	FA110-P15P			1.5(0.059)	15P			290(10.2)	330	275(10.827)										
	FA210-P12P			1.2(0.047)	12P			335(11.8)	530	350(13.780)										
	FA210-P15P	F210	Pressure	1.5(0.059)	15P	0.25(36)	250(9.843)	345(12.2)	880	370(14.567)	Tulip	515 (1.14)(18.2)	Large object, low viscosity, top coating							
	FA210-P20P			2.0(0.079)	20P			375(13.2)	1,280	400(15.748)										
	FA210-P25P			2.5(0.098)	25P			410(14.5)	1,710	420(16.535)										
	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)			
A110-P13P	1.3(0.051)	13P	280(9.9)			310	270(10.630)													
A110-P15P	1.5(0.059)	15P	290(10.2)			330	275(10.827)													
A210-P12P	1.2(0.047)	12P	335(11.8)			530	350(13.780)													
Multi-purpose	A210-P15P	F210	Pressure	1.5(0.059)	15P	0.25(36)	250(9.843)	345(12.2)	880	370(14.567)	Tulip	248 (0.55)(8.7)	Large object, low viscosity, top coating							
	A210-P20P			2.0(0.079)	20P			375(13.2)	1,280	400(15.748)										
	A210-P25P			2.5(0.098)	25P			410(14.5)	1,710	420(16.535)										
	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)			
	JA110-P13P	1.3(0.051)	13P			280(9.9)	310	270(10.630)												
	JA110-P15P	1.5(0.059)	15P			290(10.2)	330	275(10.827)												
	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)										
	SA110-P13P			1.3(0.051)	13P	280(9.9)	310			270(10.630)										
SA110-P15P	1.5(0.059)			15P	290(10.2)	330	275(10.827)													
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)														
A55-P05		0.5(0.020)	—		100	~90(3.543)														
A55-P08		0.8(0.031)	—		240	~120(4.724)														
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)	—														

• 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.

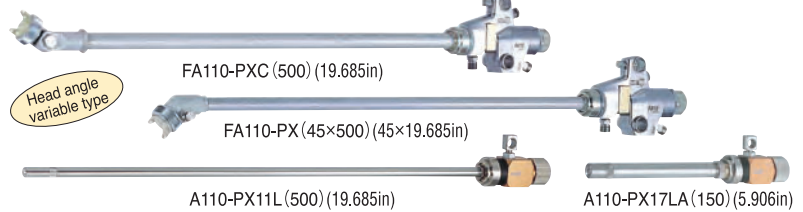
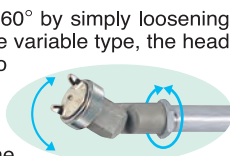
# EXTENSION AUTOMATIC SPRAY GUNS

## FA110/A110Series

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
	FA110-PXC13P			1.3(0.051)	13P			175(6.2)	235	220(8.661)	90°:60(2.362)	1,000(39.370)*	(1.84)(29.4)
	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
	FA110-PX13P			1.3(0.051)	13P			195(6.9)	310	240(9.449)	45°:55(2.165)	1,000(39.370)	(1.73)(27.7)
	FA110-PX11L			1.5(0.059)	—			200(7.874)	70(2.5)	120	60(2.362)	0°:13(0.512) (straight only)	1,500(59.055)
FA110-PX17LA	Pipe inside extension automatic spraying gun	Pressure	1.3(0.051)	—	0.3(44)	150(5.906)	180(6.4)	130	100(3.937)	0°:20(0.787) (straight only)	1,800(70.866)*	946 (2.08)(33.4)	
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
	A110-PXC13P			1.3(0.051)	13P			175(6.2)	235	220(8.661)	90°:60(2.362)	1,000(39.370)*	(1.18)(18.8)
	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
	A110-PX13P			1.3(0.051)	13P			195(6.9)	310	240(9.449)	45°:55(2.165)	1,000(39.370)	(1.02)(16.4)
	A110-PX11L			1.5(0.059)	—			200(7.874)	70(2.5)	120	60(2.362)	0°:13(0.512) (straight only)	1,500(59.055)
	A110-PX17LA	Pipe inside extension automatic spraying gun	Pressure	1.3(0.051)	—	0.3(44)	150(5.906)	180(6.4)	130	100(3.937)	0°:20(0.787) (straight only)	1,800(70.866)*	633 (1.40)(22.3)
									300**130	300(11.811)	**250(9.843)		

• 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 with mark\*\*, and the feed pressure should be 0.08MPa(12PSI), 0.03MPa(4PSI) with mark\*\*.

• 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.