F-SPO premium

Sales Manual



FINER SPOT (side cup) equivalent performance,
offered as a new compact center-cup spray gun lineup for overseas markets

Product Concept

◆ Inherits the features of FINER SPOT and is ideal for small-area spot repairs

◆ Optimized paint output

◆ Wide pattern with reduced overspray

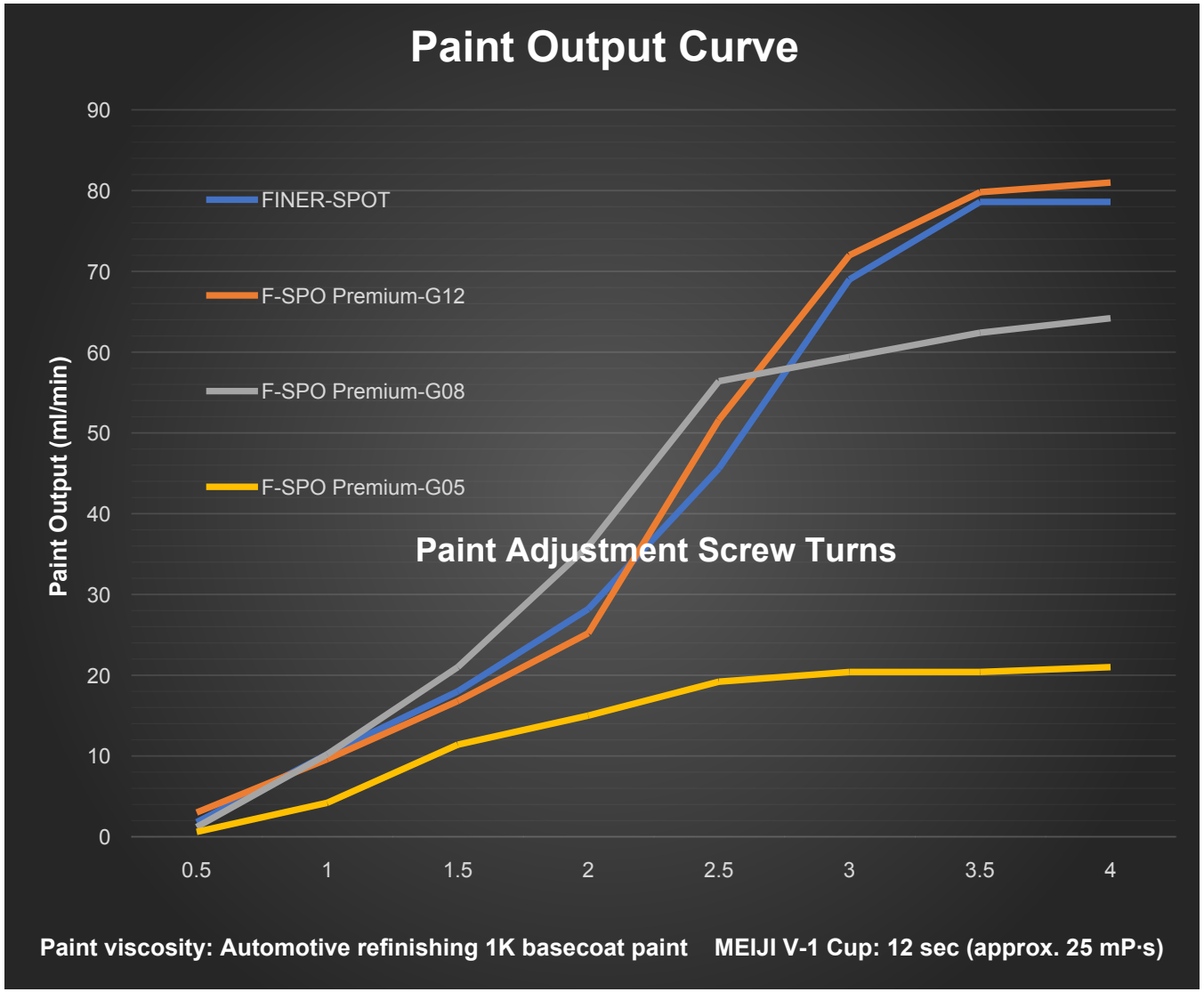
◆ Reduced trigger pull (lightest in its class), equivalent to FINER SPOT

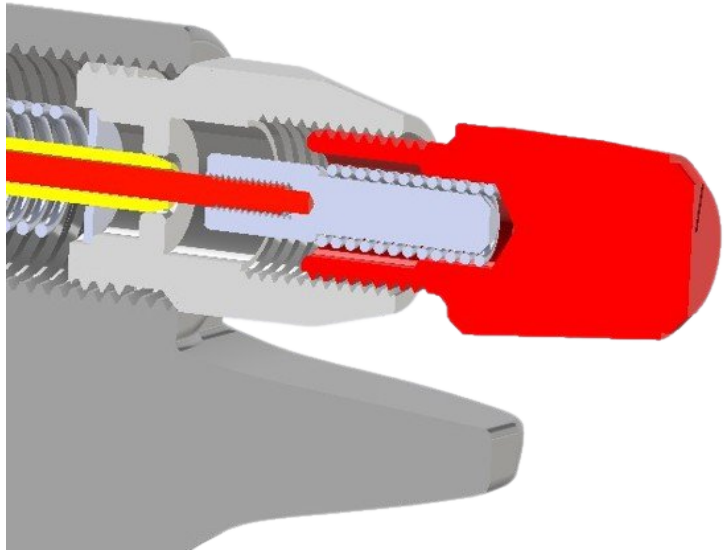
◆ Stylish body design with an ergonomic grip that fits comfortably in the hand

◆ Gloss anodized body finish and stainless-steel trigger for compatibility with waterborne coatings

◆ Change in body material from Aluminum diecast to forging which makes it possible to easily change body colors

Optimized Paint Output



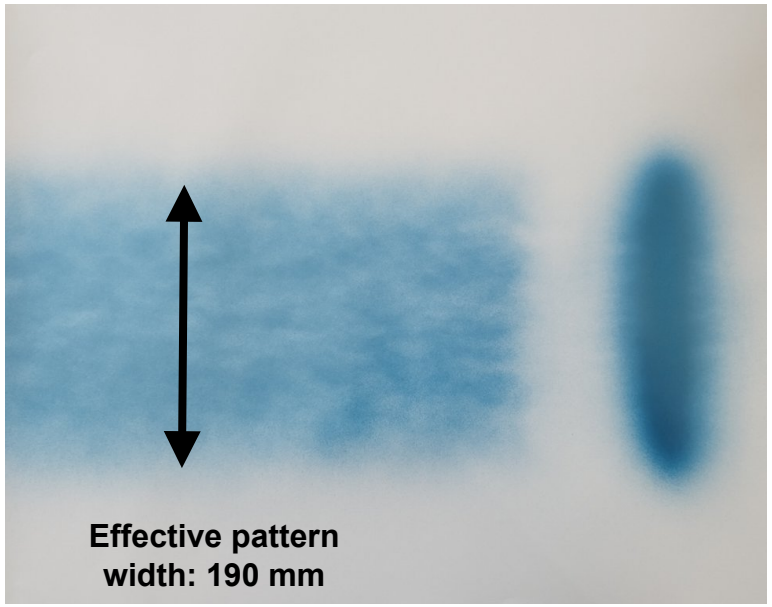


Paint output increases smoothly.
No sudden increase in flow rate, enabling fine adjustment.
MEIJI traditional paint adjustment screw pitch: 0.75 mm.

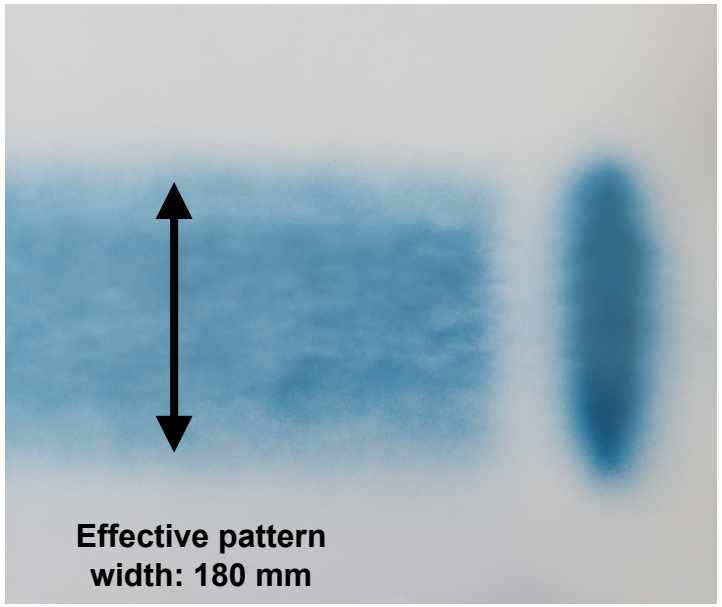
Pattern Shape

(Spray Conditions)
- *Spray air pressure: 0.15 MPa*
- *Gun distance: 150 mm*
- *Paint adjustment screw: 2.5 turns open*
- *Pattern adjustment screw: Fully open*
- *Paint: Lacquer enamel, MEIJI V-1 Cup 12 sec*

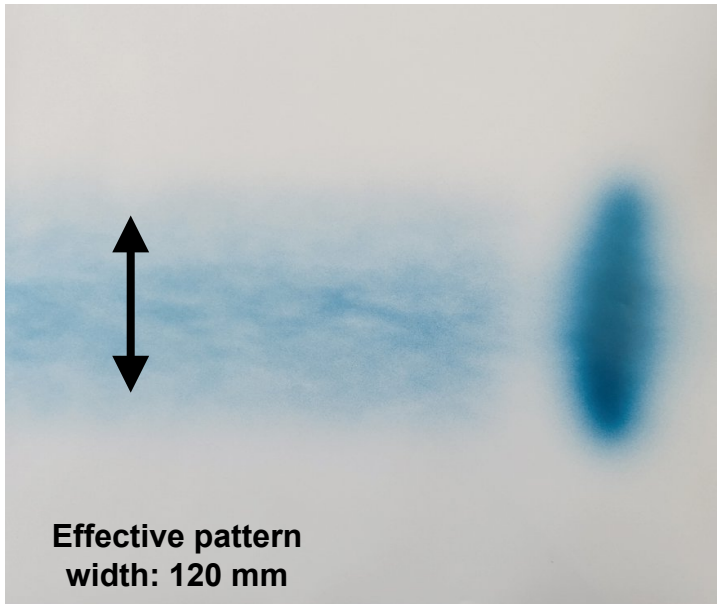
F-SPO Premium-G12 (Nozzle 1.2)



F-SPO Premium-G08 (Nozzle 0.8)

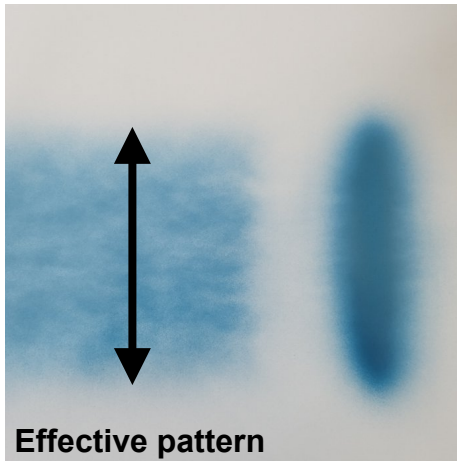


F-SPO Premium-G05 (Nozzle 0.5)

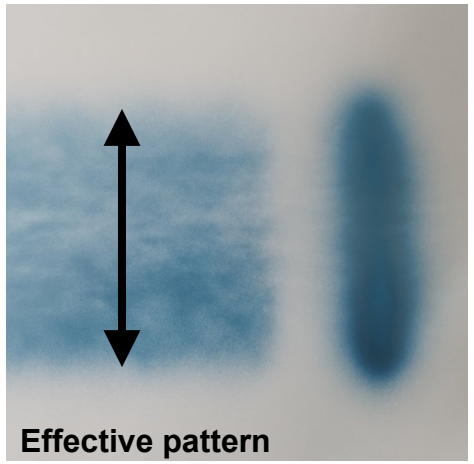


Pattern Comparison

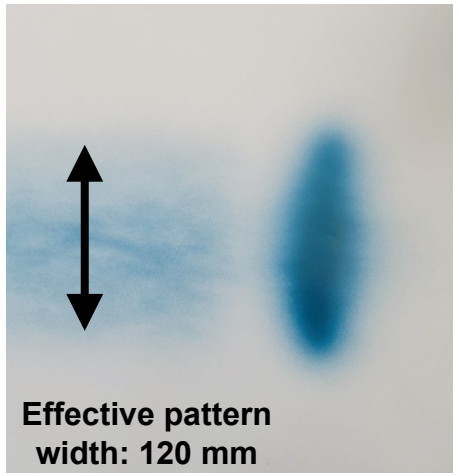
F-SPO Premium-G12 (Nozzle 1.2)



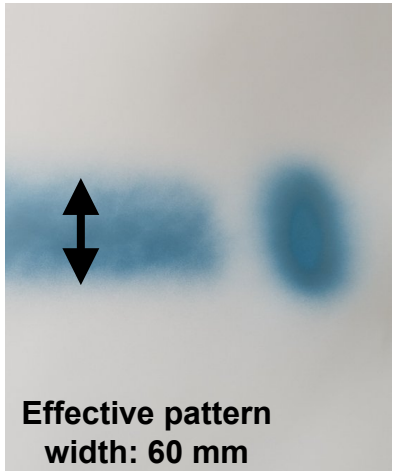
FINER SPOT-G12 (Nozzle 1.2)



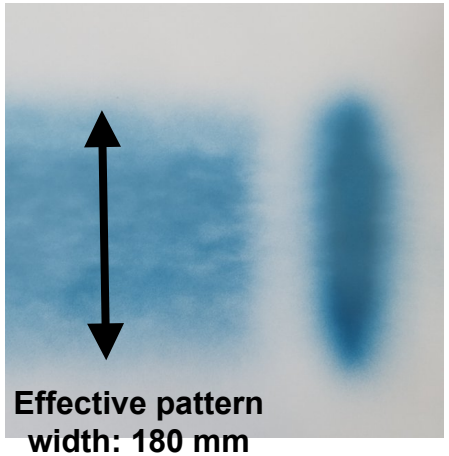
F-SPO Premium-G05 (Nozzle 0.5)



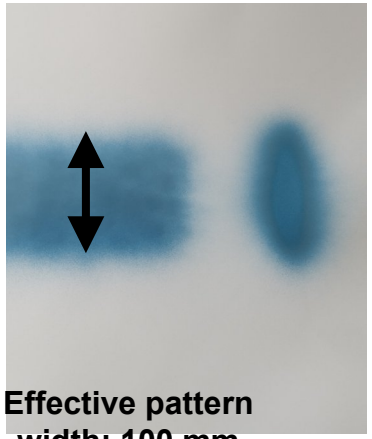
F55-G05 (Nozzle 0.5)



F-SPO Premium-G08 (Nozzle 0.8)

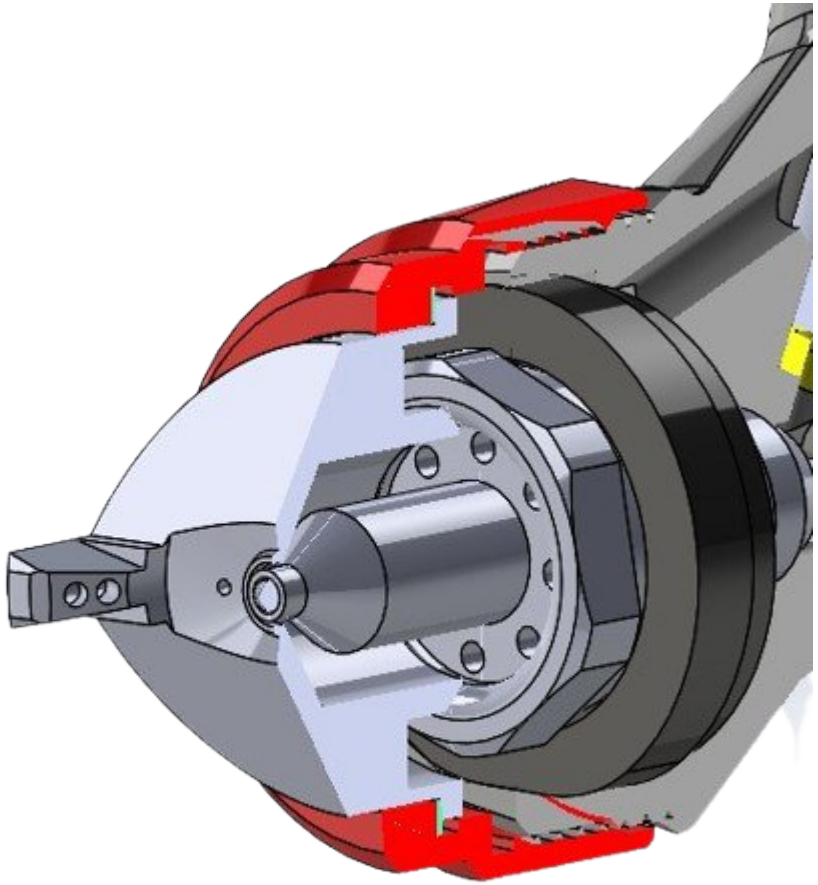


F55-G08 (Nozzle 0.8)



(Spray Conditions)
- *Spray air pressure: 0.15 MPa*
- *Gun distance: 150 mm*
- *Paint adjustment screw: 2.5 turns open*
- *Pattern adjustment screw: Fully open*
- *Paint: Lacquer enamel, MEIJI V-1 Cup 12 sec*

Atomization Technology



New Optimized Design of Paint Nozzle and Head Base

Reduced Overspray & Improved Atomization at Low Pressure

The newly designed paint nozzle and head base efficiently straighten the airflow, creating a smooth flow that contributes to improved atomization at low pressure.

Design

A sophisticated new design combining a sense of precision and strength

"Functional beauty"

A flowing, sharp design incorporating distinctive linear aesthetics, pursuing beauty through function.

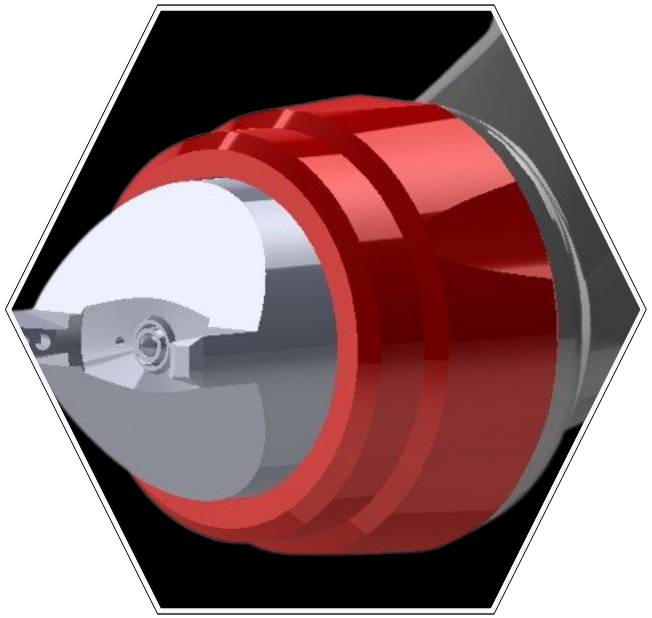
A gloss anodized finish is used on the body.

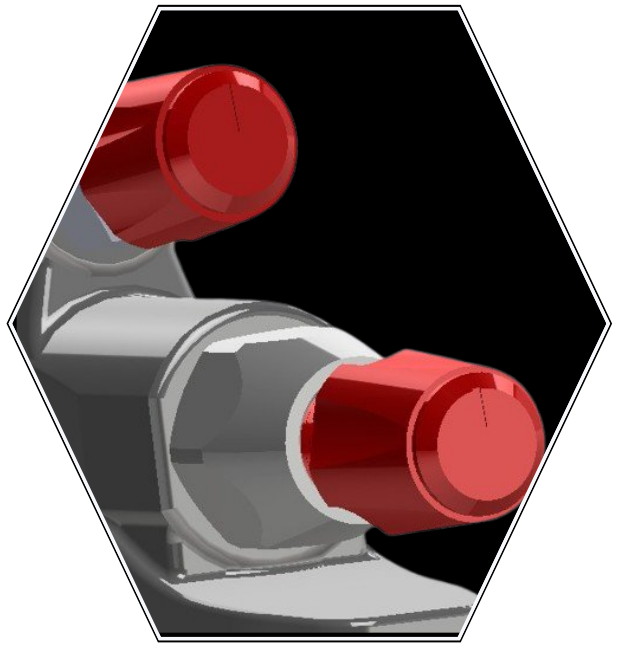


Compact yet comfortable grip shape.
Excellent stability helps reduce fatigue during prolonged continuous painting.



Components







Frequently touched parts, such as adjustment screws and the air cap, feature a gloss anodized finish and are compatible with waterborne coatings.
They also help reduce paint adhesion.
The design is unified to match the body shape.

The trigger is made of stainless steel.
Reduces corrosion when handling waterborne coatings.
The finger-friendly shape improves operability.

Spray Gun Specifications

Model	Nozzle Diameter (mm)	Spraying Distance mm	Spraying Pressure MPa	Air Consumption L/min	Paint Spraying Volume (ml/min)	Maximum Effective Pattern mm	Connection inlet	Weight gram
F-SPO Premium-G05	0.5	150mm (5.906in)	0.15MPa (22PSI)	80 (2.8cfm)	21	130 (5.118in)	G1/4 Air 7/16-14UNC Paint	198 (0.44lbs) (6.9oz)
F-SPO Premium-G08	0.8			80 (2.8cfm)	65	180 (7.087in)		
F-SPO Premium-G12	1.2			80 (2.8cfm)	80	190 (7.480in)		

Paint viscosity: Automotive refinishing 1K basecoat paint MEIJI V-1 Cup: 12 sec (25 mPa·s)

Applicable PPS adaptors:

- **3M (PPS) 26053 Series 2, S14 7/16”-14UNC**
- **Etalon SPS (3M PPS Series 1)**
- **Sagola 49000794 Male 7/16”x14 BSP**

MEIJI AIR COMPRESSOR MFG. CO., LTD