

## MICRO COAT AIR SPRAY AUTOMATIC GUN

# AGB Series

## AGB50・51

For thin-film finishing and even higher paint transfer efficiency!

Perfect for thin-film coating in metallic, pearl, mica, etc! (AGB50)

An ideal product for users of coating resin parts as follows!

Small robot + spray gun  
for even higher paint transfer efficiency on site!

One robot equipped in multiple areas  
for an even higher rate of production on site!

Smartphones and other IT  
for thin-film coating on site!

Non-electrostatic coating  
for highly-efficient paint transfer and quality on site!

### Features

#### High paint transfer efficiency

A newly-developed, product-exclusive nozzle and air cap are combined for a high rate of paint transfer, contributing to a reduction in paint costs.

#### Remarkable thin-film quality

The newly-designed nozzle's coaxial structure enables uniform coating, and a thin-film quality of remarkable atomization.

#### Lower running costs

A newly-designed needle/sheet structure increases durability when switching the spray on/off, contributing to a reduction in running costs.

#### Compact, lightweight design

This product is approximately 10% shorter in length, and takes up roughly 30% less mass than previous models, for a compact, lightweight design. Since one robot can easily be equipped in multiple areas, this contributes to an increase in productivity.

#### Product-exclusive nozzle

The nozzle was developed exclusively for coating with bright metallic, pearl, and mica paints. (AGB50)

This product comes standard-equipped with a nozzle of approximately 10% higher paint transfer rate than that of previous models. (AGB51)



AGB50 Pearl Gun

AGB51 Micro Ace

### Specifications

Model	AGB50	AGB51
Nozzle diameter	φ1.0	φ1.1
Max. discharge rate*	150 mL/min	400 mL/min
Max. paint pressure	0.6 MPa	
Max. air pressure	0.6 MPa	
Gun attachment hole	φ13 mm	
Dimensions	W44 × H91 × L113 mm	W44 × H91 × L119 mm
Mass	430 g (with air cap)	

\* When paint viscosity = 20 mPa·s

### Air Cap Selection Chart

Model	HN400A	HN600A	HN800A
Compatible gun	AGB50	AGB51	
Paint discharge range (mL/min)	50 to 150	130 to 300	200 to 400
Pattern width (mm) *	50 to 150	120 to 300	200 to 400
Finished surface	○	○	◎
High paint transfer efficiency	◎	○	○
Discharge rate	Low	◎	○
	High	×	○

\* Pattern width differs according to paint, viscosity, and discharge rate.

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Coating FA System / Device Manufacturer

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