Mottling reduction performance has been realized.

To make thinner paint film with a high-gloss finish when a small paint output is required, conventional spray guns have created mottling and an inclined spray pattern. A thorough pursuit has been undertaken to find the causes of mottling and all possible air flows have been analyzed. As a result, the cause of mottling has been eliminated.

Compared with conventional spray guns

Glossy Finish Automatic Gun

GFA SERIES

GFA SERIES

Specialist for supply pump system

Syringe pump unit (CYP Series)

GFA SERIES

Achieving remarkably fast and precise with unique highly advanced technologies

Paint coating robot system (MP series)

Web Manager

Achieving to watch job sites from office by monitoring function

Essential product for two component paint coating

Two component mixing unit (4 mixer series)

Safety specifications

Precautions

1. Do not use the spray gun for purposes other than painting.
2. Before use, ensure that the spray gun is thoroughly cleaned and is ready for use. Failure to clean the spray resource for any application may cause over performance or failure.
3. Place the pre-spray air control button to the correct position.

ANEST IWATA Corporation

3178, Shampotindo-cho, Kitakunju-ku, Tokyo 234-8529 Japan Tel: +81-3-5987-1500 Fax: +81-3-5987-1157 http://www.anestiwata.co.jp/
Compared with conventional spray guns
The GFA series specializes in reducing metting.
Recently, for plastic workspaces, there has been a shift in trend towards brighter and higher glass paints. These paints contain various solvents such as glass blowers, evaporated metals, etc. These paints consist of various acetylene butyric esters and less paint output is required, thereby causing a tendency for metting on paint surfaces. Conventional guns have been evaluated as being good to use for general purposes and for the generation of fine paint output, but the problem is that metting on paint surfaces is unavoidable.

Construction and Features
- High-density flat pattern
- Whole body made of stainless steel (applicable to water-based paint)
- Specialized paint passage construction with little paint buildup
- Exclusive paint connector: No paint accumulation
- Stainless steel body meatal S201 contact and multi-graph surface

For small paint output applications
**GFA-200-084P**
Application: Right angle type, standard output (supplied with knob or pull through a spade application).

Lightweight GFA-200-084P Model
**GFA-200-S10**
Application: Multiple spray guns mounted in two-hand or 1 robot.

For medium paint output applications
**GFA-200-S2B**
Application: multi-functional, stainless parts for cars using grinding, high, small items put on net

For medium paint output applications/High metting reduction
**GFA-600-122P**
Features
- Further improvement of metting/ reduction performance
- Realizing increased paint output and wide pattern width
- Reduction of paint consumption
- High atomization
- High corrosion-resistance (whole body is made of titanium)

Paint work pieces:
- Examine
- Bumper, spoiler, rear garnish

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Type</th>
<th>Pattern</th>
<th>Paint output</th>
<th>Air consumption</th>
<th>Pattern width (mm)</th>
<th>Paint output (g)</th>
<th>Type</th>
<th>Weight (kg)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>GFA-600-122P</td>
<td>D</td>
<td>950</td>
<td>3.0</td>
<td>0.5</td>
<td>4.0</td>
<td>300</td>
<td>D</td>
<td>700</td>
<td>Aluminum</td>
</tr>
</tbody>
</table>

**GFA-600-134X**

- Grounding wire (accessory)
- Electric source: AC100-240V
- Low voltage cable
- Control panel

- Control panel
- Grounding wire (accessory)
- Low voltage cable
- External control signal connector

**Specifications**

<table>
<thead>
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<th>Type</th>
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<th>Purpose</th>
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<td>D</td>
<td>950</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**Special parts specifications**

- Inner product (not to be adjusted)
- Exclusive paint connector
- Exclusive paint connector
- Paint connector

**For small paint output applications/High metting reduction**

<table>
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<tr>
<th>Specifications</th>
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</table>
Compared with conventional spray guns
The GFA series specializes in reducing misting.

Recently, for plastic workspaces, there has been a shift in trend toward brighter and higher gloss paints. These paints contain thinner solvents such as glass, water-based, and etched mists, etc., which can release misting. Therefore, our trend is for misting on paint surfaces. Conventional guns have been modified or modified to use for general purposes and for the generation of fine particle sizes. But the problem is that misting on paint surfaces is unavoidable.

For medium paint output applications

GFA-600-122P

Features

- Further improvement of misting reduction performance
- Reducing increased paint output and wide paint width
- Reducing of paint consumption
- High atomization
- High corrosion resistance
- Nozzle body is made of titanium

Paint work pieces:
Examinations
Bumper, plaster, or varnish

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Part number</th>
<th>Specifications</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>GFA-600-122P</td>
<td></td>
<td>Standard pattern</td>
<td>Standard pattern</td>
</tr>
</tbody>
</table>

Accessory

- Special parts specifications

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Part name</th>
<th>Specifications</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>GFA-200-111</td>
<td>Misting pattern</td>
<td>Standard pattern</td>
<td>Standard pattern</td>
</tr>
<tr>
<td>GFA-200-118</td>
<td>Misting pattern</td>
<td>Standard pattern</td>
<td>Standard pattern</td>
</tr>
<tr>
<td>GFA-200-19</td>
<td>Misting pattern</td>
<td>Standard pattern</td>
<td>Standard pattern</td>
</tr>
</tbody>
</table>

Lightweight GFA-200-084P Model

GFA-200-S10

Application: Multiple spray guns mounted on twin-saddle or 1 robot.

For small paint output applications

GFA-200-084P

Application: Small spray guns mounted on twin-saddle or 1 robot.

GFA-200-S2B

Application: Small-size consumables, plastic parts for cars using masking, Dips, small items put on net.
Compared with conventional spray guns
The GFA series specializes in reducing molting.
Recently, for plastic workspaces, there has been a shift in trend to brighter and higher gloss paints. These paints contain thinner solvents such as glass powders, encapsulated metals, etc., to reduce the size of dusts and less paint output is required thereby causing a tendency for yellowing on paint surfaces. Conventional guns have been evaluated as being good to use for general purposes and for the generation of fine particle sizes, but the problem is that molting on paint surfaces is unavoidable.

Construction and Features
● High-density flat pattern
● Whole body made of stainless steel (applicable to water-based paint)
● Specialized paint passage construction with little paint build-up

For small paint output applications
GFA-200-08P
Application: High output spray gun with parallel air cap

For medium paint output applications
GFA-200-S10
Application: Multi-spray guns mounted in both side or 1 robot

GFA-200-S2B
Application: Multi-spray guns, plastic parts for cars using masking sexy, small items put on net

GFA-E600-134X
Features
● With the best high design: Characteristic of GFA series, electrostatic effect is created.
● Realizing high transfer efficiency
● Applicable water-based paint
● Adequate to mount with small size painting robot.

### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Paint fluid</th>
<th>Spray distance</th>
<th>Flowing pattern</th>
<th>Air consumption</th>
<th>Paint output width</th>
<th>Paint output length</th>
<th>Air pressure</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>GFA-200-08P</td>
<td>0.5</td>
<td>150</td>
<td>0.21</td>
<td>1800</td>
<td>90-150</td>
<td>3.2</td>
<td>120</td>
<td>04G6T</td>
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<tr>
<td>GFA-200-S10</td>
<td>0.5</td>
<td>200</td>
<td>0.29</td>
<td>1500</td>
<td>100-200</td>
<td>3.5</td>
<td>150</td>
<td>04G6T</td>
</tr>
<tr>
<td>GFA-200-S2B</td>
<td>1.0</td>
<td>250</td>
<td>0.5</td>
<td>1000</td>
<td>150-250</td>
<td>3.2</td>
<td>100</td>
<td>04G6T</td>
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<tr>
<td>GFA-600-122P</td>
<td>1.5</td>
<td>300</td>
<td>0.6</td>
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### Accessories

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<tbody>
<tr>
<td>GFA-200-S11</td>
<td>Nozzle packet set</td>
<td>Nozzle series B1 series</td>
<td>Nozzle and stainless steel</td>
</tr>
<tr>
<td>GFA-200-S2X</td>
<td>Nozzle packet set</td>
<td>Nozzle series 2B series</td>
<td>Nozzle and stainless steel</td>
</tr>
<tr>
<td>GFA-200-S2X</td>
<td>Air cap set</td>
<td>Basic pattern</td>
<td>For spiral spray</td>
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</table>

| Special parts specifications

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Mottling reduction performance has been realized.
To make thinner paint film with a high-gloss finish when a small paint output is required, conventional spray guns have created mottling and an inclined spray pattern. A thorough pursuit has been undertaken to find the cause of mottling and all possible air flows have been analyzed. As a result, the cause of mottling has been eliminated.

Compared with conventional spray guns
Painted by conventional spray gun
Painted by GFA-200-8MP

Effective by Japan Microscope 500 times

Reduction of paint consumption
Most users using GFA-200 have attained an improved finish quality and reduced paint consumption by 10 to 55%. A reduction of paint consumption is attained by a lower level of mottling, which in turn, reduces the required number of passes, rather than through an improved transfer efficiency of the gun.

Actual production line examples

<table>
<thead>
<tr>
<th>Cellular phone body</th>
<th>Painted with metallic color clear paint</th>
<th>Paint consumption saved: 15-35%</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD TV frames</td>
<td>Painted with metallic paint</td>
<td>Paint consumption saved: 15-35%</td>
</tr>
<tr>
<td>Office equipment</td>
<td>Painted with metallic paint</td>
<td>Paint consumption saved: 15-35%</td>
</tr>
<tr>
<td>Plastic parts</td>
<td>Painted with metallic paint</td>
<td>Paint consumption saved: 15-35%</td>
</tr>
<tr>
<td>Car bumpers</td>
<td>Painted with metallic paint</td>
<td>Paint consumption saved: 15-35%</td>
</tr>
</tbody>
</table>

Safety precautions

1. Never use or store the spray guns for purposes other than painting.
2. Before use, make sure to carefully read the Instruction manual for correct usage.
3. Paints and other products for any application. If there is a change in the performance of the machine, it can cause poor performance or failure.

Glossy Finish Automatic Gun
GFA SERIES
Mottling reduction performance has been realized.

To make thinner paint film with a high-gloss finish when a small paint output is required, conventional spray guns have created mottling and an inclined spray pattern. A thorough pursuit has been undertaken to find the cause of mottling and all possible air flows have been analyzed. As a result, the cause of mottling has been eliminated.

Compared with conventional spray guns

Painted by conventional spray gun

Improved micro-sprayed image

- Improved pattern: Pattern is outside the pattern.
- Fine particles are deposited in the pattern, but not outside the pattern.
- No mottling phenomenon or depositing air flow to the next pattern.
- Paint weight is concentrated on the pattern.
- Improved high paint consumption

Reduction of paint consumption

Most customers using GFA-200 have attained an improved finish quality and reduced paint consumption by 10 to 55%. A reduction of paint consumption is attained by a lower level of mottling, which, in turn, reduces the required number of passes, rather than through an improved transfer efficiency of the gun.

Actual production line examples

(1) Cellular phone body - Painted with

- Automotive color clear paint: Paint consumption saved: 15 – 22%
- LCD TV frame - Painted with metallic paint: Paint consumption saved: 10 – 25%
- I/B equipment components - Painted with metallic paint: Paint consumption saved: 15 – 25%
- Plastic parts - Painted with metallic paint: Paint consumption saved: 15 – 45%
- Car bumpers - Painted with metallic paint: Paint consumption saved: 15 – 45%
- Automatic gun line

Safety precautions

For operation

1. Please use the spray guns for purposes other than coating.
2. Before use ensure to carefully read the Instruction manual for correct usage.
3. Check if the products are for any application. If done, it can cause poor performance or failure.
4. Ensure to stop coating after using our products for the specified number of times. Suggest cleaning these products after each use.
5. Cleaning these products after each use is recommended. (Refer to page)

Glossy Finish Automatic Gun

GFA SERIES