

Automatic Panel Spray Cabinet

BGD 227-V

Product Description

Laboratories have to prepare a huge number of uniform coating test panels during coating test procedures, and the coating results of traditional manual spraying mainly depends on the operators' experience and skills. So it is not only difficult to ensure the uniformity of the coating (especially when spraying a large substrates), but it is also important to avoid health risks for the employee.

Our Automatic Panel Spray Cabinet with 10-inch touch screen has been developed to ensure uniform and safe paint application.



Technical Specification

- Machine applied servo control system: horizontal, vertical or cross spraying methods can be selected. The panel holder can rotate 90 degrees, which makes the coating more uniform. And the spraying area can be set freely, which will reduce the waste and save spraying time
- User can set the parameters such as spraying speed, spraying pressure, atomizing, feeding and interval, etc. User also can edit and preset up to 8 spraying programs, which will help operators who are not familiar with spraying operation to complete spraying with one key.
- The panel holder is easy to be disassembled, and panels can be quickly replaced. With magnetic panel holder and vacuum panel holder, the machine can be used for substrates of different materials
- Equipped with dual spray gun: Graco LVMP automatic spray gun with nozzle diameter of 1.0 mm
- Automatic spray gun can be assembled and unassembled quickly: easy to switch between different spray guns
- Use of disposable cups to carry sample for spraying, simple and convenient, low cost and no-cleaning required
- Easy-to-clean design, filter and scrap tray are slide-out structure. The cabinet is designed with a three-door structure, which is convenient to clean. The container adopts the disposable bottle.
- Equipped with the filter system for working room air intake, which not only keeps the spraying environment clean and the exhaust gas of paint mist filtered, but also keeps the operators and spray mist completely separated, which is healthy and environmentally friendly
- The inner wall of the instrument is sprayed with Teflon non-stick coating, which is convenient to clean.
- Equipped with alarm system for flammable gas which improves the operation safety
- Equipped with the function of a door limit switch: When the door is opened, the machine stops running, which will protect the safety of operators

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Main Technical Parameters

- Max. Spraying Area: 12 pcs panels of 150 mm × 75 mm (single spray gun) or total 315 mm × 460 mm (double spray gun)
- Gun Moving Speed: 0-1000 mm/s in horizontal direction and 0-200 mm/s in vertical direction
- Spraying Distance: 100mm-300mm (can be adjusted automatically)
- System Pressure: 0-0.7MPa
- Atomization Pressure: 0-0.7MPa
- Overall Size: 950mm×800mm×1800mm (L x W x H)
- Power Supply: 220V; 50/60Hz
- Total Power: 1.5KW;
- Optional: customized feature with which the operator can set the required film thickness for spraying freely and the system controls it automatically and precisely
- Ordering Information: BGD 227V - Automatic Panel Spray Cabinet

Disclaimer

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