

## Automatic Panel Spray Cabinet

Laboratory needs to prepare a huge number of uniform coating test panels during the coating performance testing, and the coating results of traditional manual spraying mainly depends on the operator's experience and skills. So it is not only difficult to ensure the uniformity of the coating (especially when spraying a large area of tested panel), but also it has a certain risk to harm operator's health and environment because of improper spraying operation. Biuged developed this **Automatic Test Panel Spraying Applicator** considering this situation and combined with other products in market, which has the following advantages:

- ◆ Integrates automatic spraying and dry spraying filtration technologies, and the closed spraying keeps the operators and mist completely separated, which is healthy and environmentally friendly;
- ◆ Equipped with air inlet filter system to ensure that the spraying processes cannot be polluted by external environment.
- ◆ The exhaust gas of the spray will pass through a specially designed double exhaust filter, it will maximum to prevent the spraying operation from polluting the environment.
- ◆ Dual spray gun, with cross wet spray processes.
- ◆ Applied Imported Graco automatic spray guns, it can automatically adjust a variety of spraying parameters, such as spraying range, atomization, feeding pressure and ultra accurate coating flow rate;
- ◆ Compared with the guns of gravity type and suction type, the applied Spray guns with pressure feed design is more convenient to adjust, and has nothing to do with the supply air pressure (atomization pressure) of the spray gun, and the spray rate is more stable and accurate
- ◆ With 10-inch touch screen, powerful visual operation.
- ◆ User can edit and save several spraying programs in machine, and user also can preset the intelligent spraying programs in machine, which will help the operators who are not familiar with spraying operation to complete spraying with one key;
- ◆ The machine applied servo control system, user can apply horizontal, vertical or cross spraying methods, and can set the spraying area freely, which will reduce the waste and save spraying time, and double the efficiency!
- ◆ The sample grid stand is very easy to be disassembled, it's convenient for users to replace samples of different materials, shorten the spraying time.

### Main Technical Parameters:

- ★ Max. Spraying Area: 12 pcs panels with 150 mm × 75 mm (single spray gun) or total 315 mm × 460 mm (double spray gun);
- ★ Gun Moving Speed: 0–100mm/s in horizontal direction and 0–80mm/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 (LXWXH)
- ★ Power Supply: 220V; 50/60HZ
- ★ Total Power: 1.5KW
- ★ **Ordering Information:** BGD 227---Automatic Panel Spray Cabinet

