BEVS 3236U Auto Panel Spray Station

Can be used in accordance with:
ASTM D823/A, GB 1727-92



BEVS 3236U Auto Panel Spray Station features a fully automated spray-gun system combined with a no-clean paint cup design. This configuration not only enables small-volume coating application and rapid paint sample changeover, but also allows the spray gun to be cleaned automatically while the paint cup requires no cleaning at all.

The sealed and controllable "spray station" chamber makes the BEVS 3236U highly suitable for use in production workshops, laboratories, and other environments requiring clean, consistent, and repeatable spray-coating operations.

With one-touch start, the BEVS 3236U automatically completes the spraying process according to the preset program. The X, Y, and Z axes are fully controlled to handle sample panels of various sizes.

The BEVS 3236U Auto Panel Spray Station provides fully automatic control of atomising air pressure, fan air pressure, and coating flow/pressure, enabling precise and consistent application of panels with different and uniform film thicknesses.

Features

- Quick-change spray gun system with automatic cleaning
- 7-inch high-resolution touchscreen interface
- Intelligent programmable spraying process
- Fully automated three-axis spraying
- Bidirectional spraying capability
- Automatic adjustment of spray-head height relative to the panel
- Automatic control of spray pattern width, atomising air pressure, and coating flow/pressure
- No-clean paint cup design
- Fast sample spraying

Technical Specifications

Parameter	Specification
Panel movement speed	X-axis: 10 to 600 mm/s. Y-axis: 10 to 100 mm/s
Spray gun distance	150 to 250 mm (gun-to-panel)
Atomising pressure	0.1 to 0.6 MPa
Fan (spray pattern) pressure	0.1 to 0.6 MPa
Coating flow pressure	0.01 to 0.2 MPa
System air supply pressure	0.7 MPa
Spraying area	Max 200 x 300 mm, or 4 standard panels (150 x 100 mm each)
Equipment dimensions	(L) 1000 x (W) 900 x (H) 2300 mm
Power consumption	1 kW (excluding exhaust/negative-pressure fan)
Spray station weight	350 kg
Exhaust air volume	Approx. 1500 m3/h

Order Information

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