

AIR ELECTROSTATIC HAND GUN HB4000

Features

High-grade atomization

By enlarging the air path as much as possible, less internal pressure is lost, making highly-atomized coating easy with low air pressure.

High paint film quality

A newly-developed air cap and new type of nozzle designed for specific applications work together for uniform, high-quality paint film with superior atomization.

Remarkable handling

The most light-weight design the world has to offer (540 g) features a gun grip with the center of gravity at the top for superior balance, reducing fatigue during long periods of use.

High level of safety

An HV potential indicator is embedded in the gun's body, allowing you to easily keep track of electrostatic application even while coating.

Easy maintenance

The main parts are specially assembled to reduce the total number of parts needed, and can easily be replaced using basic tools.



Electrostatic Controller
BPS114

HB4000M

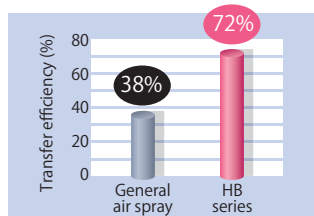
Applications

- Control panel
- Industrial machines
- Wood furniture
- Planting protection, Others

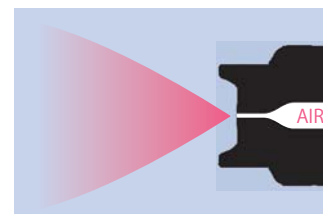
Specs

| Model | HB4000 |
|--|--|
| Charging system | Direct charging system |
| Applied voltage | Max DC-60kV |
| Overall length (includes nozzle and air cap) | 212mm |
| Weight (includes nozzle and air cap) | 540g |
| Associated air cap | HN400 (Small pattern) HN600 (Medium pattern) HN800 (Large pattern) |
| Paint nozzle diameter | φ 1.1 mm |
| Associated controller | BPS114 |
| Adaptation paint | Solvent (solid, metallic) |

| Model | BPS114 |
|-----------------------|---|
| Output adjustment | Steplessly variable from DC-20 to -60kV |
| Transmission voltage | AC24V |
| Power supply capacity | 50VA |
| Maximum current | 80 μA |
| Power voltage | AC100 to 120V ± 10% AC200 to 240V ± 10% |
| Size (W×D×H) | 330×125×300mm |
| Working environment | Temperature: 0 to 45°C Humidity: 20 to 85% |
| Weight | 5.6kg |

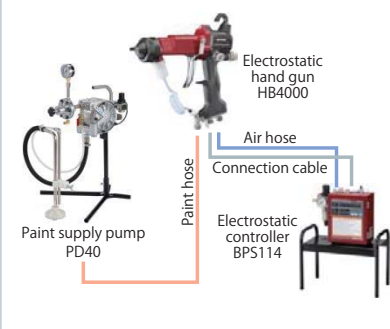


Reduction for paint consumption
It is approximately 40% of paint consumption by a comparison with general air spray gun, also approximately 20% of paint consumption reduction is possible by a comparison with our conventional equipment. *It depends on a paint condition.



High atomization performance
The pressure loss inside of gun can be decreased by enlarging an air path as much as possible, and even low-pressure air can facilitate the high atomization painting.

Standard use example



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