Ji'nan ShengTai Painting Equipment Co.,Ltd.
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Air Paint Sprayer ST-MLPC-G5009	
Item	Parameter
Optimal Spraying Distance	200-350 mm
Air Input	0.5-0.8 MPa
Constant Current Protection	60 uA
Main Unit Dimensions	136×136×180 mm
Main Unit Weight	3kg
Control Host Power Supply Voltage	AC220 (50-60HZ)V
Control Host Output Voltage	12-24V
Control Host Protection Power-off	30uA
Control Host Electrostatic Display	LED Digital Display
Spray Gun Length	230mm
Spray Gun Cable Length	5500mm
Spray Gun Supply Method	Pressure Feed Type
Spray Gun Air Pressure	0.4-0.6MPa
Spray Gun Coating Tube Length	5000mm
Spray Gun Spray Width	90-230mm
Paint Supply System Drive Mode	Pneumatic

Paint Supply System Pressure Ratio	1:1
Paint Supply System Maximum Fluid Delivery	1200cc/min
Paint Supply System Maximum Coating Viscosity	5000CPM
Paint Supply System Air Source Pressure	0.6–0.8MPa
Paint Supply System Output Current	10–25uA
Whole Machine Weight	17Kg
Electrostatic Adjustment	Stepless Adjustment
Optimal Spraying Distance	150–300mm
Nozzle Diameter	1.8mm
Air Consumption	75–230L/min
Paint Output Flow Rate	80–500ml/min
Output Electrostatic Voltage	10–80KV
Working Air Pressure	0.2–0.7MPa
Maximum Air Consumption	$10m^3/h$
Maximum Suction Height	4.5m
Maximum Noise	≤70dBa

A spray gun is a device that uses liquid or compressed air released at high speed as power. It is commonly used for spraying or cleaning, such as water

spray guns, or for coating and surface treatment applications, such as paint spray guns. According to the installation method, spray guns can be classified as automatic spray guns when mounted on machines, or manual spray guns when operated by hand. In addition, there are special spray guns designed for specific applications or differentiated product requirements.

1. Safe and Reliable, Reduced Risk of Electric Shock

The ShengTai liquid electrostatic spray gun adopts a 12V safety voltage for power transmission, effectively reducing the risk of electric shock and ensuring operator safety. In high–voltage environments, the integrated high–voltage on/off switch allows operators to easily cut off high voltage during special applications or safety flushing operations, providing a more flexible and safer operating solution.

2. Lightweight and Comfortable, Improved Productivity

With a lightweight design, each gun weighs only 396 g, allowing long–term operation without fatigue. The ergonomic design enables the ShengTai liquid electrostatic spray gun to fit various hand sizes, delivering a comfortable operating experience and significantly improving production efficiency.

3. Precise Electrostatic Control, Enhanced Coating Quality

The ShengTai liquid electrostatic spray gun is equipped with an advanced

digital circuit processing system, enabling precise and stable electrostatic control. This allows optimal integration of spray particle size and electrostatic charge, resulting in outstanding performance and superior coating quality.

4. Flexible Electrode Design, Excellent Wrap Effect and High Transfer Efficiency

The flexible electrode design ensures repeatable operation, giving the ShengTai liquid electrostatic spray gun excellent wrap-around performance and high transfer efficiency. Operators can select preset programs directly on the gun control unit to ensure optimal wrap effect and penetration.

With advantages such as safety and reliability, lightweight comfort, precise electrostatic control, flexible electrode design, and multiple model options, the ShengTai liquid electrostatic spray gun delivers an efficient, safe, and high-quality coating experience for the construction machinery manufacturing industry.

Choose ShengTai liquid electrostatic spray guns and give your construction machinery a new life!

Please provide detailed information so that we can provide you with a more accurate solution:

1.What are the Maxminum and Minimum dimensions of your workpieces (L × W × H)?

2.What is the maximum weight of each workpiece? If available, please also provide product photos.

3.How many workpieces do you plan to coat per day (based on 8 or 16 working hours) or per month?

4.Which heating source do you prefer, such as electric power, diesel, fuel oil, or natural gas?

5.What are the dimensions of your workshop (L × W × H)? If possible, could you share a layout or drawing of the facility?

6.Prior to coating, do you require spray pre-treatment to prepare and clean the product surface?

7.What voltage and frequency standards are used in your country?

Please also share your WhatsApp or another instant messaging contact so we can communicate more efficiently.

Website: https://www.stpowdercoating.com

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