

Ionizing Air Gun + High Voltage Power Supply P/N: 445D+446

The 445D Ionizing Air Gun is used for removing static charge and dust of the inaccessible charged object. It will easily clean the parts from static charge and also will keep the same static free after that.

Features

- Compact design for easy operation
- Rapidly neutralizes static charges
- Built-in regulator of remnant voltage for effective ion balancing
- Two ionizing Air Guns can be connected with Power Supply model 446

Specifications

Input Voltage	: 220VAC/50Hz
Secondary Output Voltage	: 4.0 KVAC (0 ~ -40%)
Power Consumption	: 20 Watt
External Air requirement	: 0.1 ~ 0.7MPa (Dry & Clean)
Effective Distance	: within 1000mm
Discharge Time	: 0.4S (Test Distance: 15cm)
Standard length of Cable	: 3 meter (approx.)



**Model 445D
Ionizing Air Gun**

**Model 446
High Voltage Power Supply**

Time for Static Neutralizing

Pressure	Air Flow	Decay Time	Noise
0.2MPa	0.06m ³ /min	1.2s	≤71dB
0.4MPa	0.12m ³ /min	0.6s	≤88dB
0.6MPa	0.18m ³ /min	0.4s	≤95dB
0.7MPa	0.20m ³ /min	0.3s	≤98dB

Note: Testing distance 15 cm from the outlet of the air gun

Ionizing Air Gun + High Voltage Power Supply P/N: 445F+446F

The 445F Ionizing Air Gun is used for removing static charge and dust of the inaccessible charged object. It will easily clean the parts from static charge and also will keep the same static free after that.

Features

- Compact design for easy operation
- Rapidly neutralizes static charges
- Air flow is adjustable
- Capacitor coupling high voltage design, safe & reliable

Specifications

Secondary Output Voltage	: 7.0 KVAC (0 ~ -40%)
Power Consumption	: 30 Watt
External Air requirement	: 0.1 ~ 0.7MPa (Dry & Clean)
Effective Distance	: within 1000mm
Discharge Time	: 1.0s (Test Distance: 30cm)
Ion Balance	: ±10V



**Model 445F
Ionizing Air Gun**

**Model 446F
High Voltage Power Supply**

Pressure	Distance	15cm	30cm	45cm	60cm
0.2MPa	Decay time(S)	0.9~1.0s	1.3~1.4s	1.7~2.1s	2.1~2.9s
	ion balance(V)	-1V	+5V	+6V	0V
0.4MPa	Decay time(S)	0.8~1.0s	1.0~1.3s	1.3~2.0s	1.9~2.5s
	ion balance(V)	0V	+1V	+1V	0V
0.6MPa	Decay time(S)	0.8~0.9s	1.0~1.4s	1.4~1.8s	1.5~2.7s
	ion balance(V)	-2V	-4V	+6V	-14V

Note: Testing distance 30 cm from the outlet of the air gun

Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part.

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