

High-Frequency Static Elimination Gun SK-L Series



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Fast Delivery Standard Models



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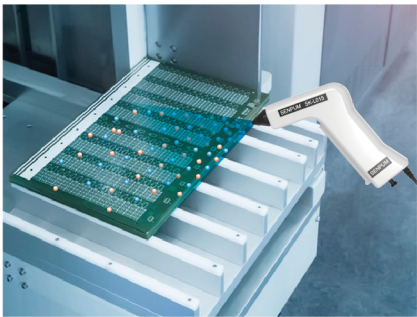
Powerful dust removal capability, strong air impact force

Air nozzle ionizer with built-in ultra-small high-voltage transformer, equipped with standard safety circuit for high-voltage anomaly detection, with alarm in case of anomaly.



The plastic gun is easy to handle and weighs only 250 g, improving operational efficiency

The air gun is designed to be safe, with a built-in piezoelectric transformer, no exposed high-voltage parts, and no high-voltage cable unit. Dust removal and static elimination on the production line



Integrated structure (built-in solenoid valve/controller)

It can be used immediately as long as there is a power supply and clean, dry air. The controller and solenoid valve do not require wiring and can be easily installed. It is also suitable for replacing ordinary pneumatic wheels.



More Features

- No high-voltage wiring required.
- Maximum air consumption: 370 L/min (at 0.6 MPa).
- Air gun-type electric device with built-in antistatic electrode.
- Use air pressure 0.05 to 0.6 MPa.

An illustration showing a hand holding a handheld laser scanner. The scanner is emitting a blue laser beam onto a surface covered with small, colorful dots (blue, orange, and green). The scanner has the brand name 'KEYENCE' visible on its side.

Static Eliminators

SK3-A
SK2-A
SK-H
SK-E
SK-V940
SK-Z300
SK-Z200
SK-L
SK-T

Type	High frequency type
Model	SK-L015
Appearance	

Model	SK-L015
Input power supply	DC 24 V
Power	100 mA
Ion generation method	High frequency AC corona discharge type
Output voltage	AC 2500 V
Indicator	Green: Power supply normal; Red: Power supply abnormal
Ion balance	±10 V or less (at a distance of 100 mm, at factory shipment)
Ozone concentration	0.04 ppm or less (at a distance of 200 mm, at an air pressure of 0.2 MPa)
Gas used	Clean air
Air supply pressure	0.05 to 0.6 MPa
Air supply flow rate	Maximum 370 L/min (ANR) (at 0.6 MPa)
Operating environment	0 to 40 °C/65% RH or less (no condensation)
Main unit dimensions	164.6 × 25 × 135.8 mm (L × W × H) excluding protruding parts
Weight	Approx. 200 g (excluding cable)

Figure 10 is a line graph showing the relationship between Static elimination time (sec) on the Y-axis and Supply pressure (MPa) on the X-axis. The X-axis ranges from 0.1 to 0.6 MPa, and the Y-axis ranges from 0 to 0.7 sec. Two data series are plotted: '+ Decay time' (red line) and '- Decay time' (blue line). Both series show a general decrease in static elimination time as supply pressure increases, with a slight increase around 0.3 MPa. The '- Decay time' series consistently shows higher static elimination times than the '+ Decay time' series across the measured range.

Supply pressure (MPa)	+ Decay time (sec)	- Decay time (sec)
0.1	0.50	0.60
0.2	0.30	0.35
0.3	0.30	0.30
0.4	0.20	0.20
0.5	0.20	0.20
0.6	0.20	0.20

