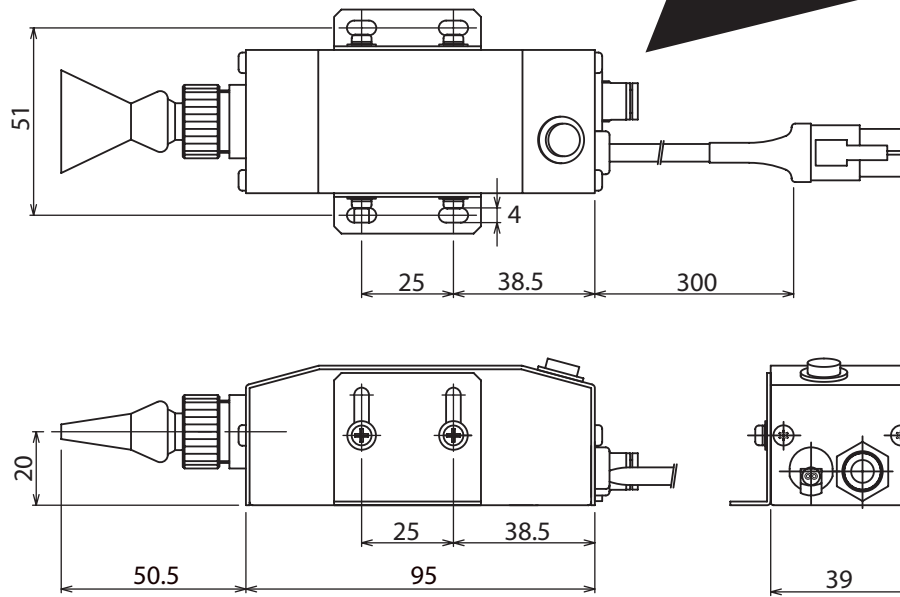


Because of this compact design, you can develop the pick-up robot or any other equipment without worrying of its size.

Specifications

NEW



Model No.	SDJ-03
EDP No.	621332
Weight	230g (without special electrical adapter)
Ion generation method	Corona discharge method
Applied voltage	AC ± 3,000V
Rating	Power voltage DC24V ± 10% Current consumption 50mA or less
Operating conditions	Temperature 0 ~ 50°C Humidity 35 ~ 65%RH
Operating air pressure	0.6MPa or less



Special electrical adapter(AD24-03)
Ratings Input voltage :
AC100V-240V 50/60Hz 11VA
Output voltage : DC24V 200mA
Cable length : 1.5m

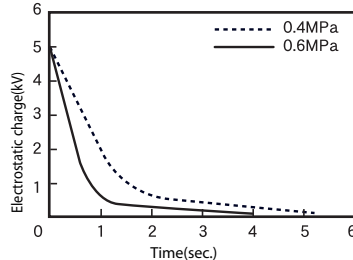
Static Erasing Performance

Static erasing performance is greatly influenced by the actual operating environment, unit configuration, workpiece shape and other factors. Set the distance from the nozzle to the formed part, the time required for static erasing and the operating air pressure by making actual test samples.

● Relationship between static erasing time and electrostatic charge(measured value)

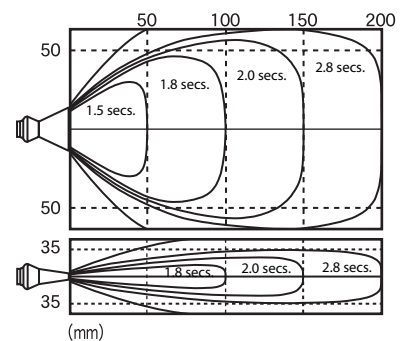
Measurement conditions

Temperature : 20°C
Humidity : 36%
Air pressure : 0.4/0.6MPa
Electrostatic charge : 5kV
Installation distance : 50mm
Measuring equipment : Charge plate monitor



● Relationship between static erasing range and electrostatic charge(measured value)

Measurement conditions
Temperature : 20°C
Humidity : 36%
Air pressure : 0.5MPa
Installation distance : 50/100/150/200mm
Measuring equipment : Charge plate monitor
※Descend from 5kV down to 0.5kV



VESSEL Static Eraser Series

Innovative solution for static elimination.

Compact and light weight dimension goes everywhere.

- Safety design, high voltage parts are exclusively protected.
- Low voltage DC24V electricity.
- Easy mounting directly on robotic chucking plate or nearby.

Markets,
unlimited !

A new-concept
flexibly mountable
static erasing system



SDJ-02
EDP NO.621332



Warning!

- To ensure product safety, carefully read the User's Manual before use.
- Never use this product in explosion-proof areas.
- Since this unit is imposed with high voltage, keep this tool away from water, oil, melt liquids, etc.
- Pay attention to condensation. Failure to do so might result in electric shock or product malfunction.
- High voltage is applied to the output unit, do not bring metallic objects such as tools or wires, or your hands or face near to the output.

VESSEL CO., INC.
OSAKA, JAPAN

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