Gun Type・Pencil Type

High Frequency

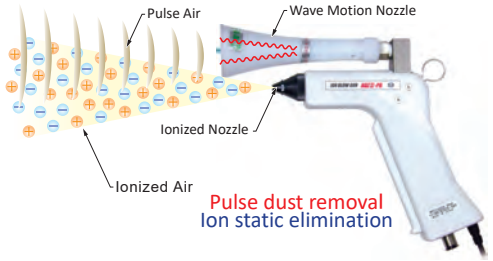
PIEZONIZER

Statics and Dust Removal on Plastic parts

The air pressure can be supplied upto 0.6MPa to remove the particles attached on the resin surface due to electrification. The best choice product for assembling lenses, transparent substrates and cover etc.

Gun Type
Ionized Air Gun AGZIII-PA

AGZⅢ-PA



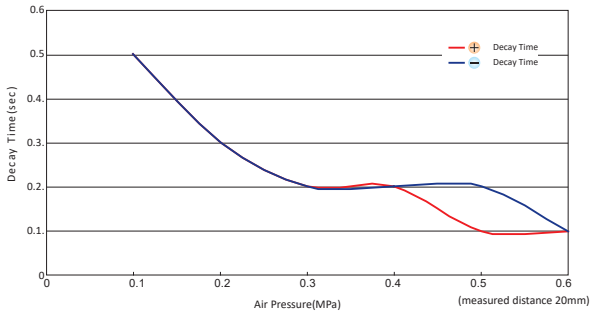
Main Features

PIEZONIZER AGZIII-PA is a companct and lightweight ionized air gun. The dust can be blown away by the powerful high pulse generated by the wave motion type of nozzle to eliminate statics attached on the charged objects.

- The lightweight (290g, cable not included) handy-grip type of air gun improves the work efficiency.
- Powerful dust remover by wave motion nozzle
- High frequency AC enables good static elimination performances and ion balance.
- Highly flexible cable (accessory).
- No need for extra controller as high voltage power and air volve is equiipped in the main unit.

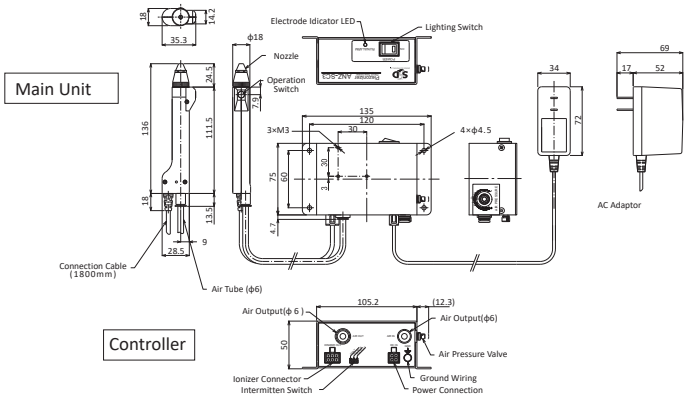
Model	AGZIII-PA
Input Power	DC24V(AC Adaptor AC100 ~ 240V available)
Current	About 100mA
Output Voltage	AC2000V (High Frequency AC)
Display	Green: Power Normal, Red: Power Abonormal
Weight	290g (with nozzle and main unit, without cable)
Dimension	210×25×180mm（L×W×H)(with nozzle)
Ion Balance	Below ±30V
Ozon Level	0.04ppm(from tuyere 200mm)
Air Supply	Clean and Dry Air
Air Pressure	0.3 ~ 0.6MPa
Enviornment	0 ~ 40°C (No Condensation)
Accessories	Manual, AC Adaptor, Wave Motion Nozzle

Decay Chracteristc



ANZ-SC3

Dimension



Main Features

The pen-type air ionizer with a built-in high-voltage power supply is compact and lightweight with a diameter of ϕ18mm and a weight of 95g. It is suitable for long-term static elimination and dust removal operations.

- The compact and lightweight design helps to reduce the pressure for long working hours.
- The high frequency AC corona discharge enables a better static elimination performance and provides the best ionizing effect.
- The high voltage power supply and air supply ON/OFF switch can be controlled through main unit by using the controller.
- Ionized air (10Hz or 5Hz) can be blown out intermittently through the controller to enhance the dust removal effect.
- The buzzer and output signal sends out a wanring when a high voltage abnormality occurs.
- Meets RoHS standard (2002/95/EC)

Model	ANZ-SC3
Input Power	DC 24V (AC Adaptor AC100 ~ 240V available)
Current	400mA
Discharge Method	High Frequency AC Corona Discharge
Output Voltage	About AC2500V (High Pressure Probe: 3pF, 100MΩ measurement)
Display	Green: Power Normal, Red: Power Abnormal
Buzzer	Discharge Abnormal ON
Abnormal Output	MOS FET Relay on-voltage B contact output (power abnormal)
Ion Balanece	Within ±15V (Initial setting)
Ozon Level	Below 0.04ppm (Distance 150mm)
Air Supply	Clean and Dry Air
Air Pressure	0.05 ~ 0.6MPa
Air Flow	Maximum 190ℓ(ANR)/min
Air Ouput Control	CONT: contineous, PULSE Hi: High Pulse (10Hz), PULSE Lo: Low, Pulse(5Hz)
Environment	Tempareture: Below 0 ~ 40°C/ Humidity: Below 65% RH (No Condensation)
Dimension	Main Unit: ϕ18× 154L(mm), Controller: 135× 50×75mm(W×H×D) No Stand
Weight	Main Unit: 95g, Controller: 570g
Accessories	Controller, AC Adaptor, Ground Wiring, Cable Clip(4), Contact Pin(5), Air Tube, Manual

*The life time of the solenoid valve inside the controller is 50 million times ON/OFF.