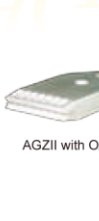
Gun-type and Pencil-type
high frequency model

PIEZONIZER

Gun-type

Ion Blow Gun PIEZONIZER AGZII

AGZII



AGZII with OAG-F

The nozzle OAG-F is an optional and need to be purchased independently.

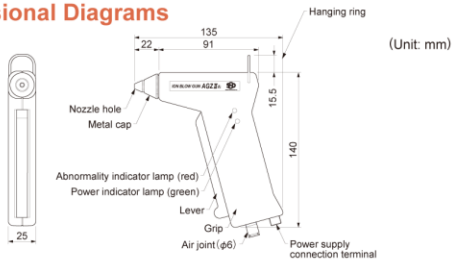
AC adapter, connection cable (standard accessories)

Main Features

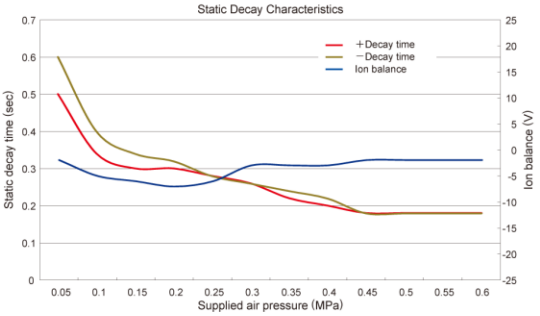
The AGZⅡ is an air gun-type ionizer with a built-in electrode for static elimination and, as well as neutralizing the electric charge of the charged object, boasts a function for removing dust adhering to the object due to electrostatic attraction by blowing it away with air. It is compact and lightweight, and fits snugly into the operator's hand.

- The plastic air gun fits snugly into the operator's hand, and, at a lightweight 250 grams, greatly increases work efficiency.
- The built-in piezoelectric transformer ensures a safe product design with no exposed high-voltage parts or high-voltage cable.
- Corona discharge is generated at an energy-saving low voltage.
- Air pressure range: 0.05 to 0.6 MPa
- Air consumption rate: 314 Nℓ/min (at 0.5 MPa)

Dimensional Diagrams

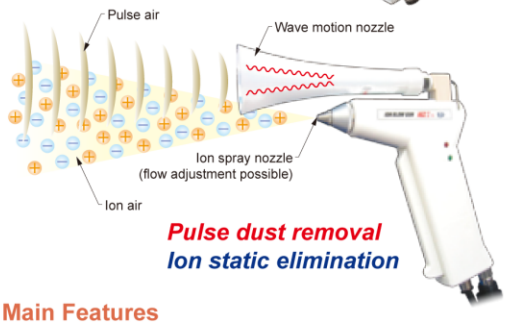


Static Decay Characteristics and Ion Balance Characteristics of the Zapp Model



Gun-type

Ion Blow Gun PIEZONIZER AGZII-PA



Pulse dust removal
Ion static elimination

Main Features

The PIEZONIZER AGZII-PA is a compact and lightweight air gun type ionizer that eliminates static electricity from charged objects as well as a wave motion nozzle feature to powerfully blow away dust attached by static electricity with pulses of air.

- Fits well into the operator's hand and, at a lightweight 330g, greatly increases work efficiency.
- Wave motion nozzle powerfully blows away dust with pulses of air.
- High frequency AC method increases static elimination and achieves a good ion balance.
- Accompanying cable uses a robot cable and is very flexible.
- High voltage power supply and air valve are attached to the main unit so there is no need for a separate controller.

Model	AGZⅡ-PA
Input power supply	24 VDC (with AC100 to 240 VAC adapter)
Electric consumption	Approx. 100 mA
Output voltage	Approx. 2000 VAC (high frequency AC power)
Indicator lights	Green: power indicator, Red: abnormality indicator
Weight	Approx. 330 g (when only the wave motion nozzle is attached)
Main unit dimensions	180×25×175 mm (L×W×H) (when wave motion nozzle is attached)
Ozone density	0.04 ppm (200 mm from the nozzle hole)
Fluid used	Clean air
Air pressure	0.3 to 0.6 MPa
Operating Environment	0 to 40℃ (with no condensation)
Accompanying items	Operation manual, AC adapter, connector cable,wave motion nozzle, adjustable flow nozzle

Model	AGZⅡ
Input power supply	24 VDC (AC adapter supplied; compatible with 100 to 240 VAC)
Current consumption	0.1 A
HV power supply used	High-frequency high-voltage power supply
Output voltage	2.0 kVAC
Ion balance	±15 V or less
Supply airflow	89 Nℓ/min (0.1 MPa) to 314 Nℓ/min (0.5 MPa)
Ozone density	0.04 ppm or less
Operating Environment	0 to 40℃
Supply air range *1	0.05 to 0.6 MPa
Main unit dimensions	135×140×25 mm (W×H×D)
Weight	250 g (main unit only)
Alarm function	LED indication when high-voltage output stops

*1 Be sure to use clean, dry air for the supply air. Moreover, when the ionizer's power supply is in the ON status, make sure that air is being supplied when the ionizer is being used. (Applies to all models that use air)