

# Nozzle-type high frequency model

Compact AC Ionizer with an Ultra-small Built-in Piezoelectric Transformer

## PIEZONIZER ZappII

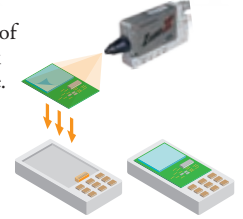


### Application

When handling the display and base of a cellular phone, it is possible to work under low voltage control at any time.



Power and Signal cable (attached with ZappII)

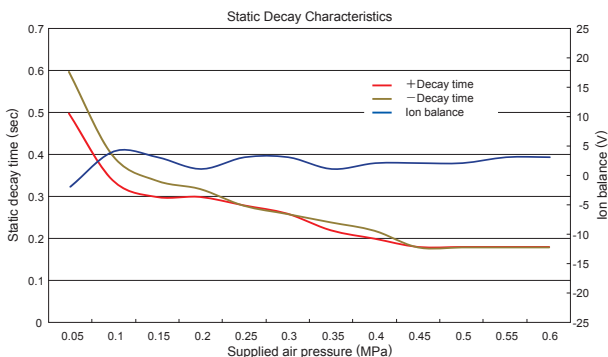


The OZ-S nozzle at the front is an option.

### Additional new specific products

- High Volume air flow type(350L/min at 0.5Mpa): ZappII-H  
Other specifications are followed as ZappII standard.
- Insulated type(in case it can't be grounded or for the machine that is not grounded with its frame to the earth grounding.): ZappII-U  
Other specifications are followed as ZappII standard.

### Static Decay Characteristics and Ion Balance Characteristics of the ZappII Model

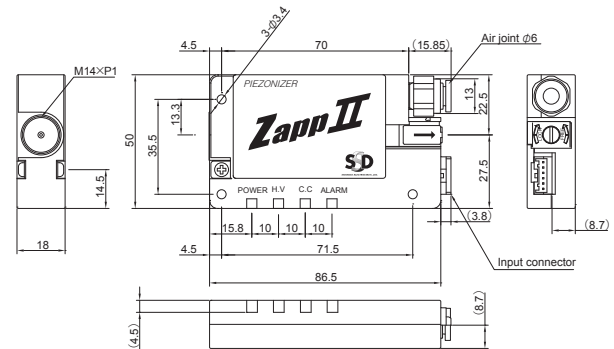


- (Note 1) Using □150mm, 20pF charged plated monitor for measurements.  
 (Note 2) Static elimination time equals the decay time  $\pm 1000V \rightarrow \pm 100V$ .  
 (Note 3) Distance is measured 50mm from the plate monitor.  
 (Note 4) Using Shishido Electrostatic's standard nozzle OZ-S.

### Specifications other products

- High Air flow type(350L/min at 0.5MPa): ZappII-H  
\*Except Air consumption, other specifications follow ZappII
- Insulated type(Isolated with grounding case): ZappII-U  
\*Except electrical insulation, other specifications follow ZappII

### Dimension Diagram



### Specifications

Model	ZappII
Input power supply	DC (24V±10)
Electric consumption	2.4VA
Air pressure*1	Please check with below sheet
Airflow supply	30ℓ / min~160ℓ / min
Ozone density	0.05ppm or less (air pressure input: 0.02Mpa, distance 300mm)
Guaranteed operating temperature	(stored at -10°C to 60°C)
Guaranteed operating humidity	From 65% or less with no condensation (stored at -90% or less with no condensation)
Main unit dimensions	87×18×50mm (W×H×D) not including protruding portion
Weight	72g
Accompanying items	Power supply cable

\*1 The available air pressure range is different for each nozzle, please check with below sheet.

OZ-S	0.05~0.60MPa	OZ-C100~C500	0.05~0.50MPa
OZ-TT	0.05~0.50MPa	OZ-ST	0.05~0.30MPa
OZ-100B-300B	0.05~0.60MPa	OZ-60SII	0.05~0.60MPa
OZ-100BLF~200BLF	0.05~0.60MPa	OZ-F	0.05~0.60MPa
PZ-PSP120	0.05~0.50MPa	OZII-SC	0.05~0.60MPa
OZII-90S	0.05~0.60MPa		0.05~0.60MPa