

PIEZONIZER ZappII-LS

For Micro Spot Application

ZappII-LS is for suitable application for Micro-spot Ionization with low air pressure use. With flexible tubing, it makes more flexible application for installation.



■ FEATURE

- As its special structure of ionizer head with high frequency transformer, It makes easy installation into the machine.
- With low voltage supply, it is very safety application at close distance installation to the target.
- Keep good ion balance below 5 volts with low air flow and fast decay performance.
- Easy maintenance for discharge emitter with detachable nozzle.
- Length of tubing cable is available from 1 meter to 5 meter.

Decay & Balance Performance and SPECIFICATIONS

Air Consumption (L/min)	Air Pressure (MPa)	+Decay time (sec)	- Decay time (sec)	Ion Balance (V)
10	0.017	1.8	1.9	1.1
30	0.086	0.6	0.6	1.3
50	0.171	0.4	0.4	1.0
70	0.258	0.2	0.3	3.7
90	0.346	0.2	0.2	6.5
110	0.443	0.2	0.2	15.0

MODEL	ZapII-LS
Power Voltage	DC24V±10%
Capacity	2.4VA
Output Voltage	Approx. AC2,000V (SSD High Frequency AC)
Ion Balance	Less ±5 Volts (At 50mm)
Alarm Output (ALARM)	MOS FET Relay (No Voltage Contact) Maximum Current: 100 mA Apply Voltage: Below 30 Volts DC
Cleaning Check Alarm (C.C)	
Discharge control Signal (HV-OFF)	Discharge Stop: Contact with 0V line Discharge Start: Open (no contact) (remain voltage: Less 0.5 Volts)
Ozone Level	Less 0.1ppm ※1 (Air Consumption: 10l/min, At 50mm)
Supplied Gas	Clean Dried Air
Air Pressure Range	0.005 ~ 0.3MPa
Air Consumption	Maximum 50l/min(ANR)
Available Environment	10 ~ 40°C / Below 65%RH (No Condensation)
Dimensions	86.5L×18W×50H
Weight	Approx. 145g with Cable 1 m
Materials	Control unit: ABS, Nozzle: SUS
Structural Part	Control Unit, Nozzle, connecting Cable(1m) Power and Signal cable

Accessory & Optional Part



Power & Signal Cable (Standard Accessory)

AC Adaptor: OZII-24V (AC100~240V)
Optional partFixing Bracket: OZII-FM
Optional part

(*1): Tested by CPM with □150mm, 20pF plate

(*2): Decay time is from ±1000V to ±100 volts (Followed by IEC61340 standard)

(*3): Above data is reference not guaranteed value.

(*※1): Under different environment, it happens more higher level of Ozone.
Before installation, need to check Ozone preventions.

OUTLOOK

