ZappAURA

ZappAURA

The ZappAURA is a versatile High-Frequency Ionizer designed for use with CDA (clean, dry compressed air) or Nitrogen.

Features & Benefits:

- Highly reliable
  Body Air Fitting highly resistant to ozone
- Maintains safety
  Newly-designed transformer stops high voltage output when the emitter needle is being cleaned or changed
- Better ozone resistant nozzles
  Wide range of nozzles and tubes
- Easy maintenance
  The emitter needle can be easily removed and replaced through the back of the ionizer body
- High voltage stop alarm
  An alarm warning and two no voltage relays (normal open and normal close) indicate when there is a high voltage stoppage
- Cleaning check [C.C.]
  An LED and a normal open no voltage relay warn of abnormal discharges from the emitter needle
- Compact body is ideal for tight spaces where other ionizers won't fit
- Inputs & outputs for integration into automated systems
- A variety of Nozzles, easily changed-out for versatility as an end-of-line ionizer, also available for use with Nitrogen
- A variety of fittings, flexible tubes or rigid tubes, easily changed-out for versatility as an in-line ionizer, also available for use with Nitrogen
- Balanced Ionization for sensitive ESD applications

Options:

ZappAURA-L

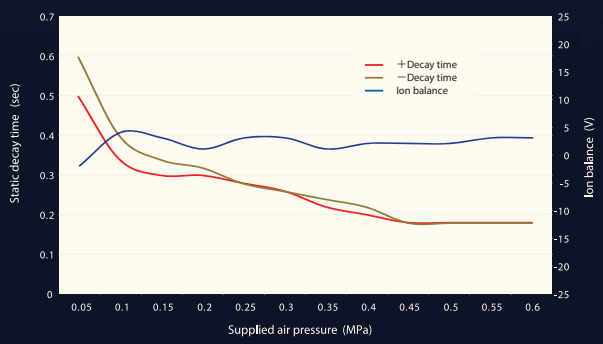
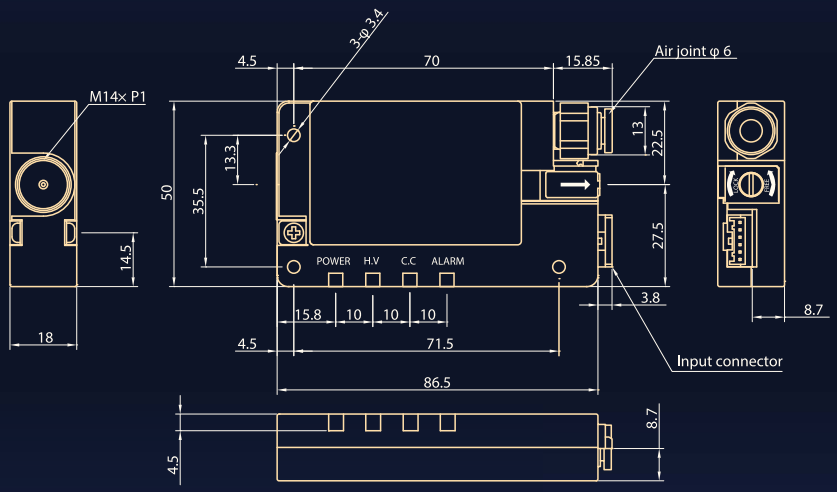
Low-flow Ionizer for gentle, efficient delivery of ionization

Power supply, signal cable (included)

Dimensions & Weight:

Model	ZappAURA
Input power supply	DC＋24V±10%
Electric consumption	2.4VA
Output voltage	High frequency 3000V
Ion balance	±15V or less
Air pressure	0.05 to 0.6 MPa (7 to 87psi)
Airflow supply	30ℓ/min to 160ℓ/min (1.06 to 5.65fpm)
Ozone density	0.05ppm or less (air pressure input: 0.02Mpa, distance 300mm)
operating temperature	10 to 40℃ (stored at －10℃ to 60℃)
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	78g
Accompanying items	Power supply cable

Static Decay Characteristics and Ion Balance
of the ZappAURA



(Note 1) Using □150mm, 20pF charged plated monitor for measurements
(Note 2) Static elimination time equals the decay time ±1000V→±100V
(Note 3) ZappAURA 50mm from the plate monitor
(Note 4) Using standard nozzle ANS