

Static & Contamination Control

ZappAURA-II Ionizer



The ZappAURA-II is a compact, versatile ionizer that can be used as an in-line ionizer, ideal for automation or in-tool applications, or as an end-of-line ionizer featuring a wide variety of available nozzle options.

The focused, balanced bi-polar ionization efficiently neutralizes static charges on the target, making it a perfect choice for smaller Industrial, Medical Device, Optics, Pharma or ESD sensitive production, assembly, and packaging applications that require optimal ionization.



ZappAURA-II

FEATURES & BENEFITS

- Body and Fittings Highly Resistant to ozone
- Newly-designed high-frequency high-voltage transformer disable HV output when emitter is being changed or cleaned, or during a Fault Condition
- The HV Transformer & Emitter Assembly are easily removed through the back of the unit for quick easy maintenance or replacement
- The C.C (Cleaning Check) LED indicates abnormal Ionization Current in real-time
- Inputs and Outputs are easy to integrate with automated systems
- The Compact ZappAURA-II Body can fit into tight spaces where other ionizers cannot

NOZZLE, FITTING & TUBING OPTIONS



Specifications

General:	Ionization: High-Frequency AC Corona Discharge; Construction: Main Body=PBT; Nozzle=PPS; Emitter=Tungsten
LED Status Indicator:	POWER:Green=Connected to power; H.V.:Blue=Normal; C.C.:Yellow=Clean Emitter; ALARM:Red=HV Fault
Electrical:	Input: +24 VDC ±10%, 2.4VA (Signal Cable Included) Output: ~2,500 VAC
Air/Gas Supply:	Pressure: 0.05~0.6 MPa [7~87 PSI]; CDA (clean, dry compressed air) or *Nitrogen: 400 lpm (14.12 CFM) or less Air Fitting: 6mm PTC Push-To-Connect + 6mm" OD x 78" (2m) urethane air tube (included)
Weight / Dimensions:	78g [0.17 lbs.] / 18mm x 50mm x 90mm [0.71" x 1.97" x 3.54"] (Ionizer Body Only)
Environmental / Ozone:	0~40°C [32~104°F]; Indoor only: 15~65% RH non-condensing / ≤0.05 ppm (300 mm) from ozone meter)
Certification:	CE Certified; EMC Directives: EN61000-6-2 / EN61000-6-4; Low-voltage Directive: EN61010-1
Included Accessories:	manual, 2.5m [98"] signal cable (Optional AC/DC Power Adapter Sold Separately <i>* Must use Nitrogen rated nozzle to maintain balance for ESD applications</i>

Part Numbers

ZappAURA-II Accessories & Spares

ASFRG14C	Dual-Stage Compressed Air Filter, Regulator & Gage w/5.0-micron primary filter and 0.01-micron secondary coalescing filter
ZACII	ZappAURA(-II) Controller with Timer, Constant or Pulsed (10Hz or 5Hz) Blow-Off Modes
ANO	Standard Black Teflon Nozzle Assembly w/ OSHA Tip.
VARIOUS	Nozzle, Fittings and Tubing Options for ZappAURA(-II); call Static Clean for details
APA-24V-II	ZappAURA-II Power Adapter, 115V US Plug, 100~240VAC, 47~63Hz to 24VDC (1A/24W) with 2.3m (90") cable

** ZappAURA-II and some of its accessories are not compatible with ZappAURA; consult Static Clean for details**