

Botron B486NOP-S Technical Data Sheet



Overview:

Botron's B486NOP-S piezonizer air nozzle is a self contained ionizer that can mount almost anywhere. The ionizing nozzle is able to operate with up to 100psi input of either compressed air or nitrogen. The nozzle design allows for pin point ionization of parts and components.

PERFORMANCE

Ion balance +/- 10v

Positive decay times range from (sec) 0.2 at 100 psi to 0.6 at 14.5 psi

Negative decay times range from (sec) 0.22 at 100 psi to 0.62 at 14.5 psi

*All results are based according to EOS/ESD-STM 3.1-2000.

*Results may vary based on test conditions.

PROPERTIES

SPECIFICATIONS

Power supply	DC24V
Current consumption	4VA
Output HV	AC2200V - 68KHz
Max air pressure	100psi
Ozone	< 0.01ppm
Indicators	Green LED, Red LED
Controls	On/Off switch
Mounting	4 mounting holes
Emitter	Tungsten Alloy
Air line connector	1/4 NPT
Dimensions	2.0"H x 7.1"W x 2.7"D (standard nozzle)
Weight	1 lb

Product Notes and Features

- Light Weight and Compact Design
- Auto Ion Balance
- Abnormal HV Alarm
- LED Indicators
- Versatile and Portable
- Removable Nozzle
- Piezoelectric Power Supply
- Does Not Need Calibration



APPLICATIONS

As with all of Botron's ionization units the ionizing air nozzle is designed neutralize electrostatic charge in personal bench top environments, sensitive materials assembly, packaging, clean room and laboratories. The uniquely small design of the B486NOP-S ionizer makes this an exceptional unit for work stations where space is limited.

INSTALLATION

The compact design of the ion gun console makes this unit capable of being mounted virtually anywhere in the work environment within the limits of the 8' air hose.

1. Remove contents from package.
2. Mount the control unit in desired position. (Bolted or free standing)
3. Connect the air gun to the controller as well as the air supply.
4. Install power cord securely.
5. Turn switch on.
6. Adjust air flow accordingly.

OPERATION

Power on unit and adjust air flow for maximum neutralization.
Aim unit at the area or items to be neutralized.