# **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

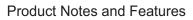
Ion balance +/- 10v Positive decay times range from (sec) 0.2 at 100 psi to 0.6 at 14.5 psi Negative decay times range from (sec) 0.22 at 100 psi to 0.62 at 14.5 psi

\*All results are based according to EOS/ESD-STM 3.1-2000. \*Results may vary based on test conditions.

## PROPERTIES

#### SPECIFICATIONS

Output HVAC2200V - 68KHZMax air pressure100psiOzone< 0.01ppmIndicatorsGreen LED, Red LEDControlsOn/Off switchMounting4 mounting holesEmitterTungsten AlloyAir line connector¼ NPTDimensions2.0"H x 7.1"W x 2.7"D (standard nozzle)Weight1 lb	Ozone Indicators Controls	< 0.01ppm Green LED, Red LED On/Off switch
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- 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.

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**Disclaimer.** All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user. The statements herein shall have no force or effect.