

# Staticmaster®

## Industrial Ionizing Gun Kits

(Shown with Model P-2021)

NRD's line of **Industrial Ionizing Gun Kits** feature ergonomic designs, rugged construction and reliable performance. All guns are self-power by NRD's proprietary alpha ionizing cartridge **Model 2021**. These high-quality guns require little or no maintenance and are intrinsically safe for use in flammable or explosive environments. From plastics and printing to packaging and auto body, there is an Gun Kit to suit virtually every industrial application.



### Neutralizer™ Refinishing Gun (P-2021-Z705)

**APPLICATION:** The Neutralizer™ was designed specifically as an antistatic refinishing gun for the auto body, boat building and furniture industries. It neutralizes static charges as it removes dust and dirt, allowing for a superior product in the end.

**REPLACEMENT IONIZATION CELL:** P-2021-Z003

**FILTER:** NONE

**TIP:** DERLIN OSHA TIP



### General Purpose Gun (P-2021-8101)

**APPLICATION:** This general purpose gun utilizes a thumb actuated trigger and is ideally suited for a wide variety of industrial applications. It's intended for use with clean, dry compressed air.

**REPLACEMENT IONIZATION CELL:** P-2021-8001

**FILTER:** NONE    **TIP:** BRASS OSHA TIP



### General Purpose Gun (P-2021-8201)

**APPLICATION:** This is a high quality pistol grip gun ideally suited for a wide variety of industrial applications. It's intended for use with clean, dry compressed air or other inert gases such as Nitrogen or Argon.

**REPLACEMENT IONIZATION CELL:** P-2021-8001

**FILTER:** NONE    **TIP:** BRASS OSHA TIP

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ADVANCED STATIC CONTROL

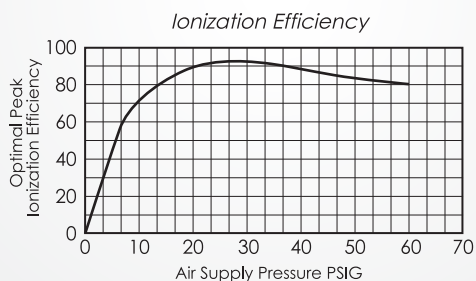
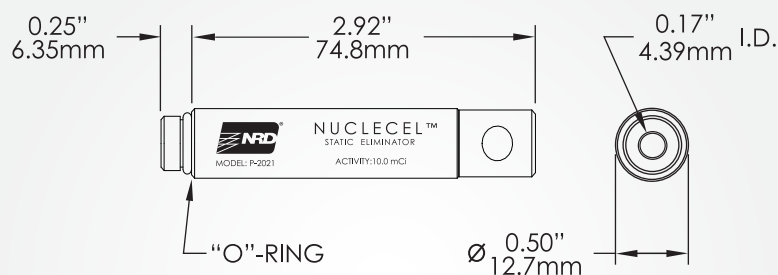
**NOTICE:** NRD warrants that these materials are reasonably fit for the purpose described. We believe that specifications and technical information presented are based on test methods that produce accurate results. The foregoing limited warranty is expressly made in lieu of, and no other express and no implied warranty of merchantability or fitness for a particular purpose is made. NRD, LLC will not be liable for incidental, consequential, special, exemplary or punitive damages. The limited warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, error or failure to properly maintain, clean or repair products.

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## Ionizing Alpha Ionizers (Model P-2021)

The model **P-2021** is a simple, reliable, efficient and effective means of eliminating static in a variety of industries, including electronics, optics, graphics and finishing. Easy to install on any clean, dry compressed air or inert gas line, the **P-2021** emits a powerful stream of ions to quickly neutralize electrostatic charges. By design, the **P-2021** never goes out of balance, so it does not require periodic calibration. In addition, it requires no electrical power to operate, so it's intrinsically safe for use in flammable or explosive environments.



### Model P-2021 Ionizing Ionizer Specifications

- DIAMETER:** 0.50" (12.7 mm)
- WEIGHT:** 1.3 oz (37 g)
- MATERIAL:** Stainless steel
- GAS:** Clean, dry compressed air or inert gas
- PRESSURE:** Optimal: 25-30 psig (1.7-2.1 bar)  
Maximum: 100 psig (6.9 bar)
- ISOTOPE:** Polonium-210
- EMISSION:** Alpha
- ACTIVITY:** 10 mCi (370 MBq)
- DECAY TIME:** 0.7 seconds (ESD Association 3.1 @ 30 psig, 12" distance, 1,000 to 100 V)

#### Note on Ion Source

All NRD ion sources are encapsulated in precious metals by means of a patented process. This results in a static eliminator which resists oxidation, solvents, heat, cold and vibration. To maintain peak performance, NRD recommends annual replacement of the ionizing source.