

# Staticmaster® Industrial Ionizing Gun, ST1



TECHNOLOGY  
& LAB



INDUSTRIAL

MODELS P-2021-8201

ALPHA



The Staticmaster Industrial Ionizing Gun, with an ST1 handle, is ideally suited for a wide variety of industrial applications and is intended for use with clean, dry compressed air or other inert gases such as Nitrogen or Argon. This high-quality gun requires little or no maintenance and is intrinsically safe for use in flammable or explosive environments.

The Model P-2021-8201 features an ergonomic design, rugged construction and reliable performance. It's also highly convenient and portable because it is self-powered by NRD's proprietary alpha ionizing cartridge, Model P-2021.

This Staticmaster Industrial Ionizing Gun Kit, Model P-2021-8201, includes an ST1 pistol grip handle, P-2021 ionizing cartridge and a brass OSHA-compliant tip.

## APPLICATIONS

- Plastics, printing, packaging, auto body

## FEATURES

- Pistol grip gun
- Lightweight construction
- Intrinsically safe design

## BENEFITS

- Eliminates material jams
- Minimizes maintenances
- Creates cleaner surfaces

EVERY SITUATION IS UNIQUE. SO IS EVERY SOLUTION.®

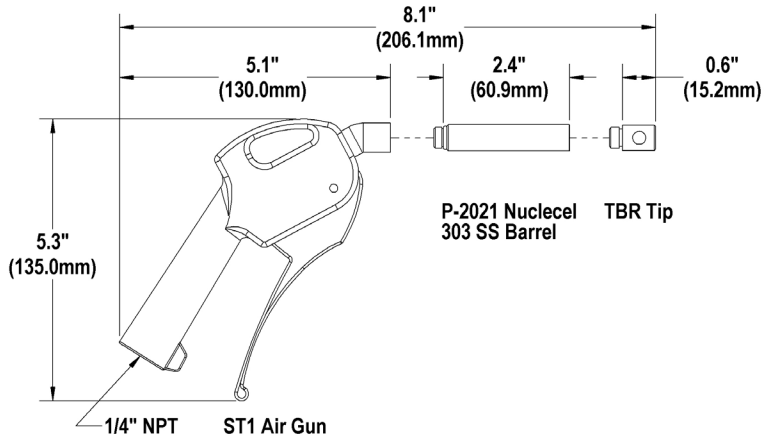


# Staticmaster™ Industrial Ionizing Gun, ST1

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## SCHEMATICS



## SPECIFICATIONS

**Activity:** 10 mCi (370MBq) ( P-2021-8001) ionizer

**Balance:** ±0 V

**Dimensions:** 5.3in W x 8.1 in L (135 mm x 206.1 mm)

**Effective Distance:** 4in – 12in (102 mm– 305mm)

**Enclosure:** 303 Stainless steel housing, Brass tip

**Finish:** ABS

**Gas Input:** <40 psi (Maximum 100 psi), Clean Dry Air (CDA) or Nitrogen

**Line Connection:** 1/4 in NPT

**Technology:** Alpha

**Weight:** 6.4 oz (0.18 kg)

### DECAY RATE:

0.7 seconds (±1000 to 100V), ANSI/ESD Association STM 3.1 @ 30 psig, 6in

## ACCESSORIES



**Replacement cartridge and tip**  
Model P-2021-8001

**Brass tip**  
Model TBR



**Pistol grip style handle**  
Model ST1

## MAINTENANCE

Product is supplied complete with ionizers. It is necessary to replace ionizers every 12 months to maintain peak effectiveness.

**NOTE ON ION SOURCE:** All NRD ion sources are encapsulated in precious metals by means of a special process. This results in a static eliminator which, unlike competitive products, resists oxidation, solvents, heat, cold and vibration.

**NOTICE:** NRD expressly warrants that, for a period of one (1) year from the time of purchase, the ionizer will be free of defects in material (parts) and workmanship (labor).