

Injection Molding Total Solution **Neut:in** [네프인] **Electrostatic Removal take-out Robot**
 Of Korea domestic and international patent application

Neut:In minimizes Electrostatics on products and mold surface and it will prevent defects by dust adhesion.

Effects

- Removing initial electrostatics after mold open process (normally occurs more than 20,000 Voltage)
- Preventing adhesion of dust on the product and the mold surface
- Cutting down labor cost and purchasing extra equipment cost
- Preventing dust adhesion due to polluted air by air compression type
- The device can be attached on any part of the robot arm (No need for air tubing)

Feature

- Photo type ionizer on the robot arm
- Removing electrostatic at the time of taking out process
- Instantaneous removing by beam method (not air compression method)

Performance

- Static removal: more than 95% (less than 100V)
- Removing time: 1~2 sec (no effect on take-out robot cycle time)
- Removing area: diameter 60cm / 20cm distance

Experimental Data

