



Since 1992

Eltech Engineers Pvt Ltd

An ISO 9001 - 2015 Company

Ionizing Air Nozzle



www.eltech.in



IONIZING AIR NOZZLE

ELTECH ENGINEERS PVT LTD, established in 1992 is an ISO 9001:2015 certified Indian Company engaged in the manufacturing activity of Corona treater, Plasma Treatment Systems, Static Charge Eliminator, Static Chargers, Static Meters, Ionizing Air gun, Blowers etc. Our clients always look up to us for their different requirements because of our high quality standards, superior performance, zero defect products, timely deliveries and very reasonable price.

About Ionizing Air Nozzle -

Antistatic Ionizing nozzle is the ideal technique of removing static, contaminants and dust from three dimensional parts before assembling, packaging, painting or finishing. The ion air nozzle neutralizes the static electricity and cleans at distances up to 2 feet. When ordinary compressed air is used to remove dust and air nozzle for cleaning purpose, its efficiency gets reduced. In case the static charge, which holds the dust to the product is not neutralized, both the the product and the dust will remain statically charged and capable of re-contamination.

The ion air nozzle is rugged in design and an industrialized ionizing air nozzle. We are manufacturer of air nozzle and we are providing ionizing nozzle with or without stand. Air gun nozzle is mainly used to eliminate static charges and blow off contaminants from the surface of laminated woods, plastics, rubbers and glass. At the same time the neutral surface doesn't re-attract airborne contaminants from the manufacturing process. If the compressed air is ionized, the static charge will be eliminated, which allows superior quality cleaning without re-attraction.

Applications :

- Three dimensional plastic parts
- Automobile bodies
- Lens cleaning
- Cleaning moulded parts
- Furniture finishing
- Photo finishing
- Container Neutralization
- Package cleaning
- Electronic assemblies

Working of Ionizing Air Nozzle

The air nozzle and an ionisation head engineered into the finger guard. When the trigger is pulled air travels at high speed from the nozzle, picking up the ionised air produced by the ionisation head. The ionised air is blown at high speed towards the object. The ionisation kills the static electricity, allowing the dust to be blown off. The object will be static-free and unable to re-attract dust.



el-IAN-316



eltech - 331

Technical Specifications :

- **Model No** : eltech 331 / el-IAN-316
- **Input Voltage** : AC 230 V / 50 HZ
- **Wire Length** : 2.5 m (Customized Available)
- **Working Temperature** : 0~50 Degree Celsius
- **Air Connector** : 8 mm (Customized Available)
- **Air Pressure Range** : 2-5 Bar
- **Weight** : 0.2 kg (el-IAN-316) 3 kg (eltech - 335)
- **Dimension** : 150mm L x 170mm W x 120mm H
- **Working Voltage** : AC 5500 V
- **Working Current** : 3.5 mA
- **Power** : 25 W
- **Discharge Speed** : 1.5 s (150 mm Testing Centre Form the Air Nozzle)
- **ION Balance** : -15 v~+15 V(150 mm Testing Centre Form the Air Nozzle)
- **Noise** : 65 db (150 mm Form the Air Outlet)

Note : The air must be clean and dry & moisture free



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