

***Ionizing Air Nozzle***

**eltech**



**Static eliminate..  
static.. and dust..**

## **Ionizing Static Air Nozzle**

It is the ideal technique of removing static, contaminants and dust from three dimensional parts before assembling, packaging, painting or finishing. The ion air gun neutralizes the static electricity and cleans at distances up to 2 feet .

When ordinary compressed air is used to remove dust, 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 gun is rugged in design and an industrialized ionizing air gun. It 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.

- \* The nozzle is powered with power unit
- \* Normal working pressure is 2 – 4 bar
- \* Air connection is ¼ BSP
- \* For air flow, the air must be clean and dry

## **Applications :**

- \* Clean and neutralized,3D plastic parts
- \* Cleaning moulded parts
- \* Photo finishing
- \* Lens cleaning
- \* Package cleaning
- \* Container neutralization
- \* Automobile bodies
- \* Electronic assemblies
- \* Furniture finishing

## **Technical Specification**

Model No : el-IAn-316

The gun is powered with 331 power unit

Normal working pressure is 3 – 5 bar

Air connection is ¼ BSP

Air consumption at 3 bar – 190 lit/min and at 5 bar – 250 lit/min

For air flow, the air must be clean and dry

Weight :0.6 Kg

## **Ionizing Air Nozzle**



**Model :el-IAN-316**



**Model :eltech 331**

## **Power Unit Technical Specification**

Input Voltage : 230 V A.C

Power Consumption: 50 watt

Output Voltage : 7 KV

Output Current : <5 mA

Dimension : 165 mm x 210 mm x 190 mm

Weight :6 Kg



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