

## Air nozzle H [ AC type ]

By function [ [Air nozzle](#) ]

The air nozzle H is an electrostatic eliminator that simultaneously removes static electricity and blows out dust using compressed air.

It is used for each nozzle alone, it is ideal for spot-like static elimination of small parts and for eliminating a wide range of static electricity and dust by connecting nozzles.



### Features

- Inexpensive general-purpose nozzle
- Hastelloy B-2 (nickel alloy) is adopted as discharge needle
- It is possible to use a single nozzle, and to connect a wide range of static electricity removal and dust removal.

### Use

- To counter (electrostatic discharge) of resin film
- For static elimination and dust removal of complex shaped products
- For cleaning the inside of the resin container
- For spot-like static elimination of small areas
- In addition, for removing static electricity of each resin molded product

### specification

format	Air nozzle H
Color (main body part)	Red
Minimum mounting pitch (mm)	40
Connection type Special specification	
Weight (about g per piece)	66
Operating environment temperature (° C)	0 to 45
Environment humidity (% RH)	80 or less
Electrode structure	Direct connection type
Air consumption (about NI / min) (when air pressure is 0.5 MPa)	170
Screw size of air joint (one-touch joint)	PT 1/8
Adaptive air tube outer diameter (mm)	6
Used high voltage (kVac)	Four
Charge decay time (sec)	1 second or less (0.5 MPa or more)
Ion balance circuit (offset voltage)	None
Adaptive power unit	Power unit 47, power unit 150 (limited to shield cable type)

\* Air guns and air nozzles are non-explosion products.

\* Charge decay time: Time required to attenuate charge plate 20 pF, charged plate voltage 5 kV to 500 V

Installation distance between charged plate and each electrode is 50 mm, MPa is air pressure at measurement

\* Ion balance: Charge plate monitor is used Measure with distance 50 mm, air pressure 0.4 MPa

※ Each data is measured value and not a guaranteed value