

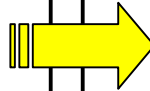


## Prevent from sticking to top mold in crimping process of front panel for car navigation system

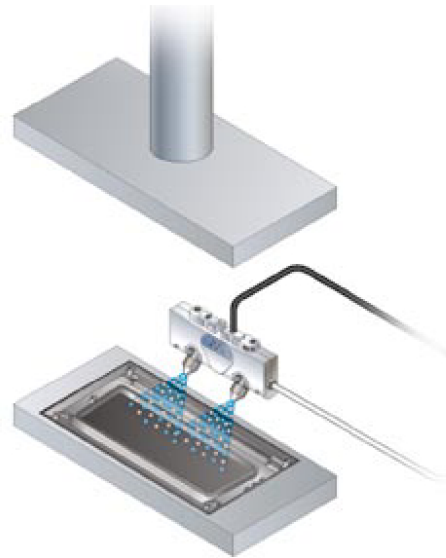
### OUTLINE / PREVIOUS

**Customer:** Automobile component manufacturer  
**Machinery:** Crimping machine

Components for a front panel of car navigation system are bonded with a double-sided adhesive tape. In that process, the entire surface is pressed with a cylinder for tight bonding. Static charge is removed to prevent from sticking to top mold.



### SOLUTION



### PROBLEM

Due to static charge, panel component often sticks to a top mold of crimping machine.

### MODEL / HOW TO

#### ER-VW

**ER-VW**, equipped with two movable nozzles, is adopted. Charge removal with ionized air is performed before crimping.

### BENEFIT 1

**Removes charge in a broad range regardless of its compact size**

Although **ER-VW** is as compact as W127 x H18.9 x D64.3mm, charge removal in a broad range is achieved thanks to two nozzles.

### BENEFIT 2

**Nozzle angle adjustment mechanism**

**ER-VW** is equipped with two nozzles which can be adjusted within a range of 190 degrees by screwing down the nozzle end.

### BENEFIT 3

**Clear LED indicators**

**ER-VW** brings easy confirmation of air supply condition with LED indicators.

Power supply  
POWER

Discharge needle condition  
CHECK

Air supply monitoring  
AIR



Discharge  
DSC

Abnormal discharge  
ERROR

