



## Dust removal of liquid crystal panel for car navigation system

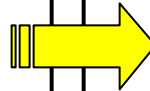
### OUTLINE / PREVIOUS

**Customer: Automobile components manufacturer**  
**Process: Assembling liquid crystal panel**

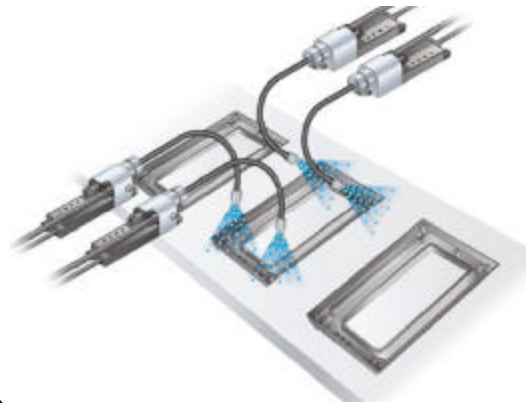
Dust is removed at the frame when assembling liquid crystal panel for car navigation system.

### PROBLEM

Ionizer that removes dust at complicated four corners of panel frame is required.



### SOLUTION



### MODEL / HOW TO

**ER-VS01, ER-VAK10**

Shape preserving tube **ER-VAK10** is adopted.

### BENEFIT 1

Shape preserving tube

Shape preserving tube **ER-VAK10** (tube length 112mm) can be easily bent and can remove static charge at complicated four corners of panel frame. Also **ER-VAK30** (tube length 312mm) and **ER-VAK50** (tube length 512mm) are available.

### BENEFIT 2

Ultra compact

**ER-VS01** is as compact as W109 x H28 x D27mm, and consumes little space.

### BENEFIT 3

Discharge halt input

**ER-VS01** is incorporated with discharge halt input function which turns discharge ON and OFF according to the input signals from an external device. Therefore, ionizers can be effectively used to generate ionized air when only required after detecting an object by a sensor.

