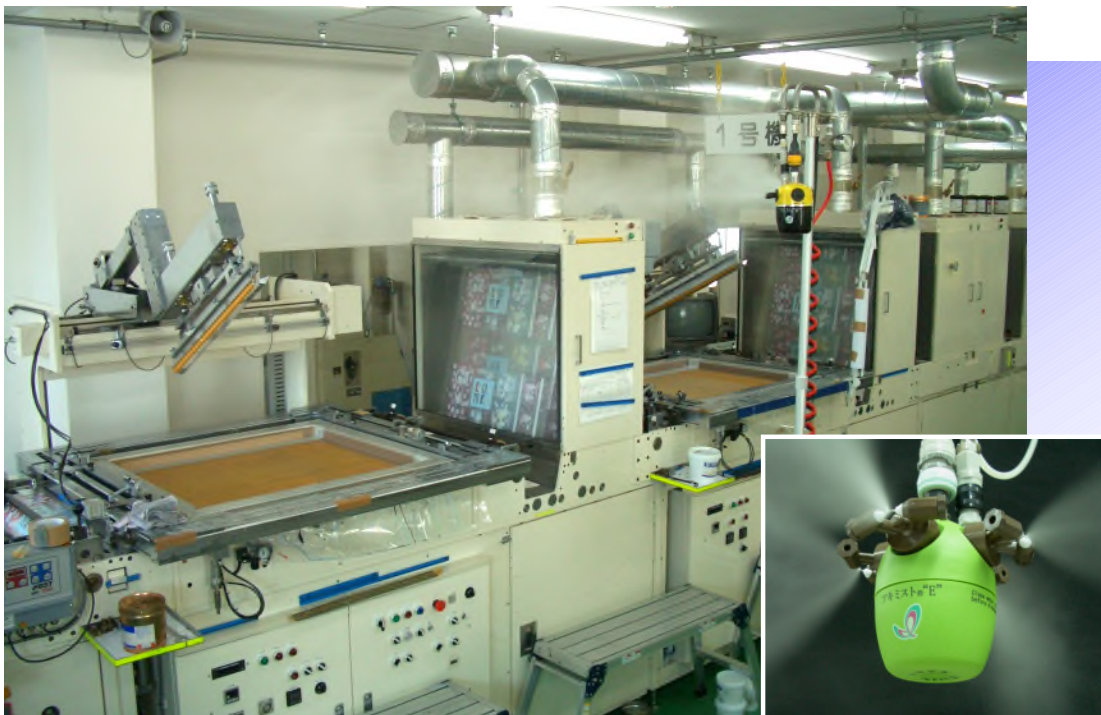


for screen printing

# Humidity prevents static charge & screen drying!!

*By keeping relative humidity around 55~60%,  
problems caused by static charge are dramatically reduced.*



AKIMist®"E"

## Actual effects in our customers:

- **Reduce static charge and defective printing**

Defective printing, such as uneven color, linear smudge and chipped letters due to static charge are reduced by 50%.

- **Prevents screen drying by “spot humidification”**

Prevents misprinting due to screen clogging by drying. “Spot humidification” aims towards screen is the best and most cost-effective way to humidify.

- **Higher productivity**

In the case of printing on plastic products, AKIMist® “E” prevents static sparking when workers touch the products, which improved the working environment and led to higher productivity.

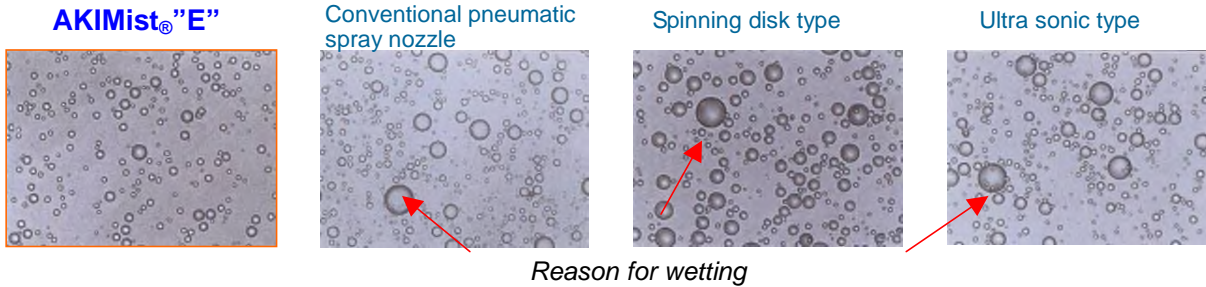


“The Fog Engineers”

IKEUCHI USA, INC.

# Advantages of AKIMist® "E"

## 1. Fine and uniform droplet mist

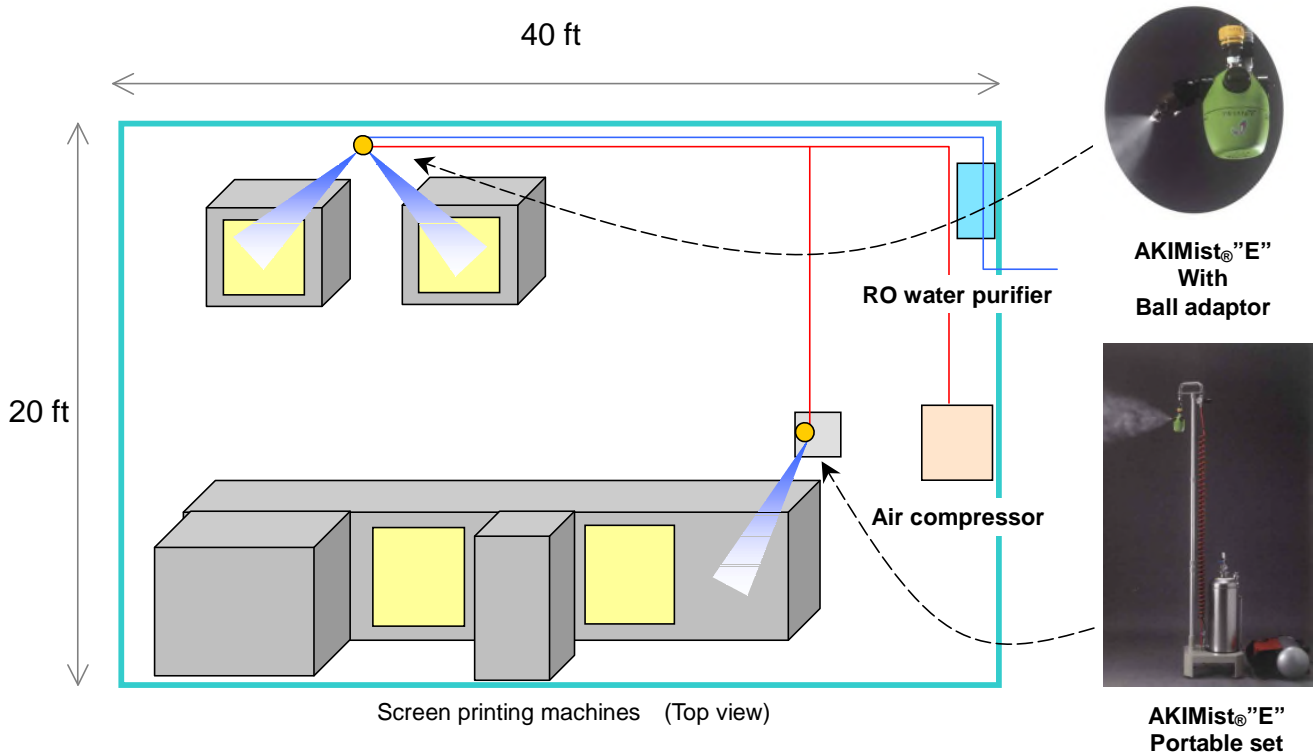


Dry Fog is an extremely uniformed fine mist (sauter mean droplet diameter is  $7.5\mu\text{m}$ ). It never consists of large droplets (such as  $40\mu\text{m}$ ) and this makes dry humidification possible. Another advantage to the **AKIMist® "E"**, is that it can spray Dry Fog at a maximum of 2.54GPH.

## 2. Minimized energy consumption

Thanks to Dry Fog, **AKIMist® "E"** can be sprayed directly on to an area and humidify where the humidity is needed. Therefore you can get humidity quickly and more efficiently.

## An example of installation



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