

**PROCESS**  
**SUPPORT**  
**PRODUCTS**

# Introducing GENSONIC

## Stencil Aperture Cleaning Solutions

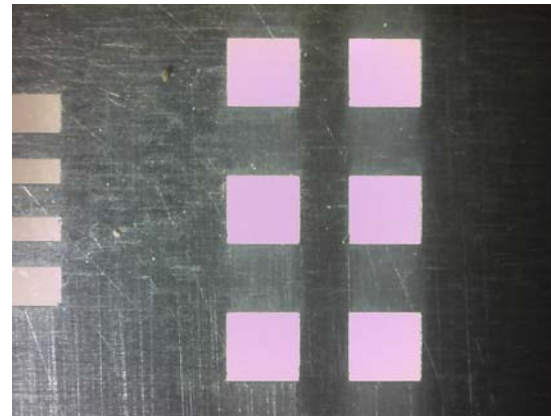
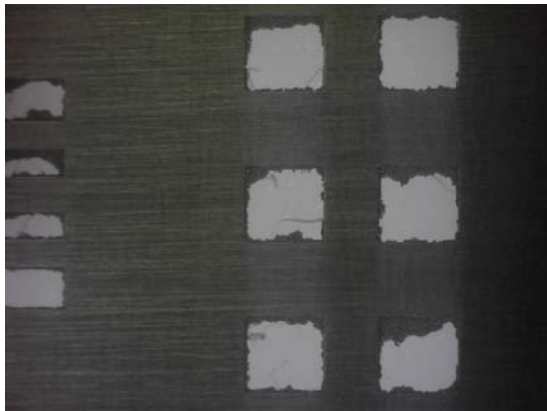


✓ **Clean the apertures**

*Its very easy to have a clean stencil surface*

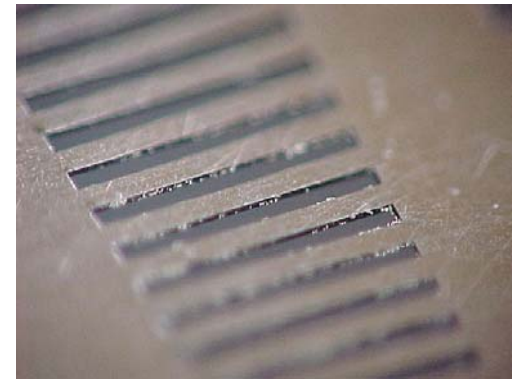
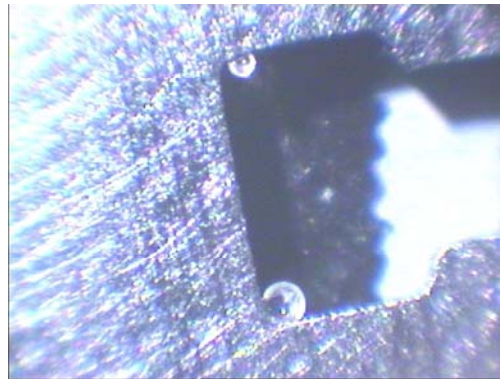
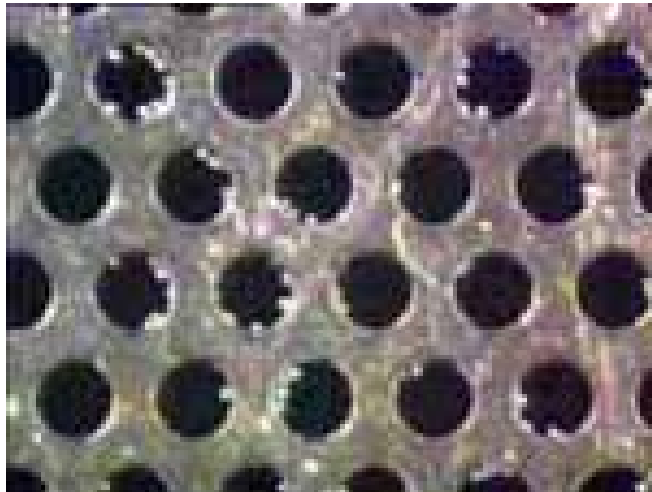
**BUT**

***APERTURES are the working part***

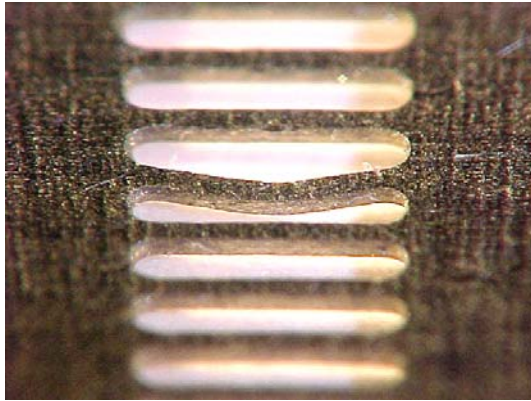


# ✓ Clean the apertures

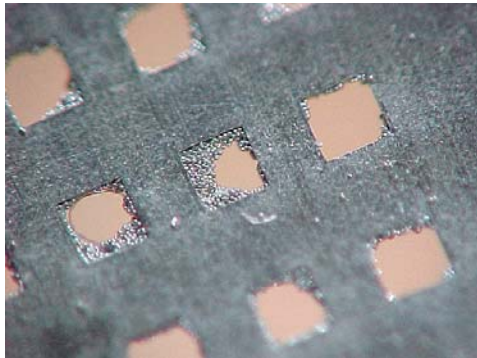
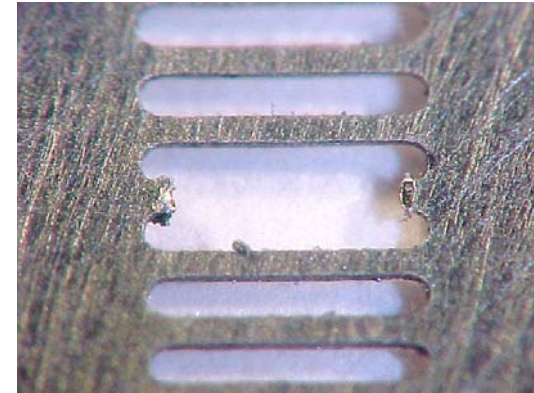
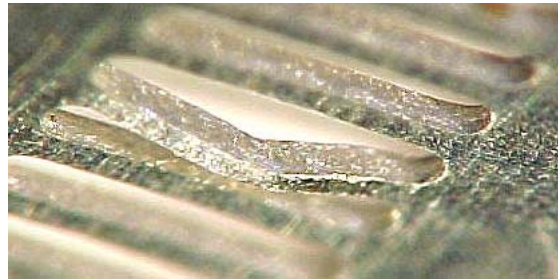
- Lead Free** > solder pastes are less dense
- > compact into aperture corners
  - > compact onto aperture walls



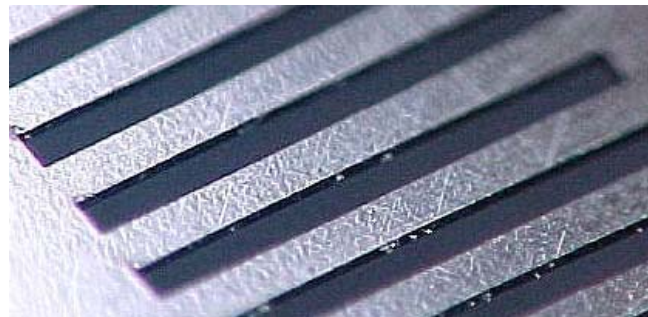
# Risks From Manual Cleaning



Damage

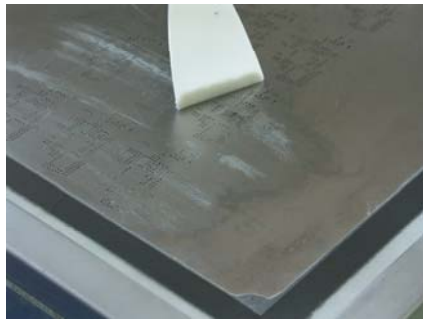


Trapped Residues



# The GENSONIC Solution

## 4 Simple Steps to 100% Clean Apertures



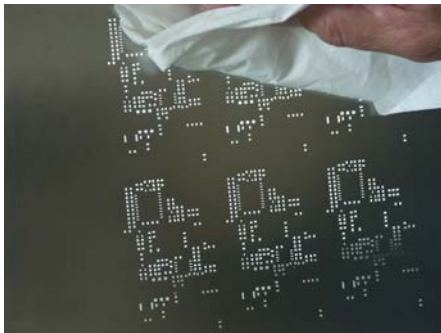
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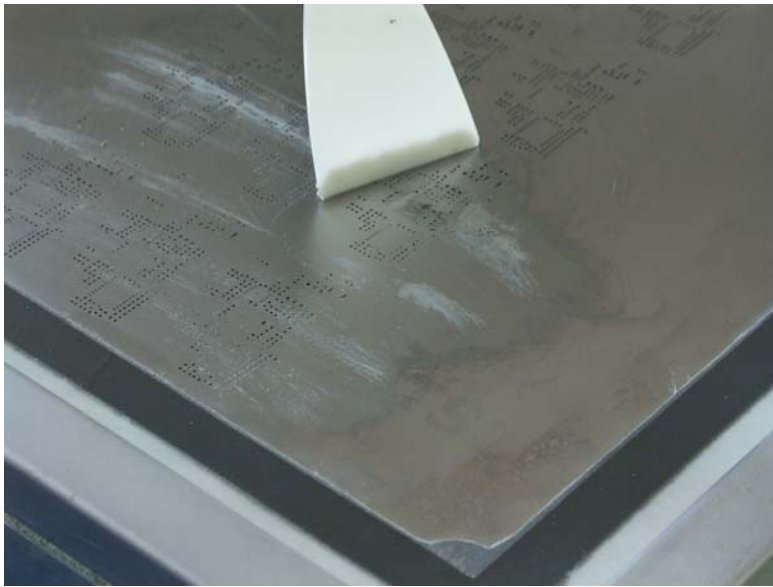


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# STEP 1

Remove Excess Paste from Stencil Surface



Spatula

+



+

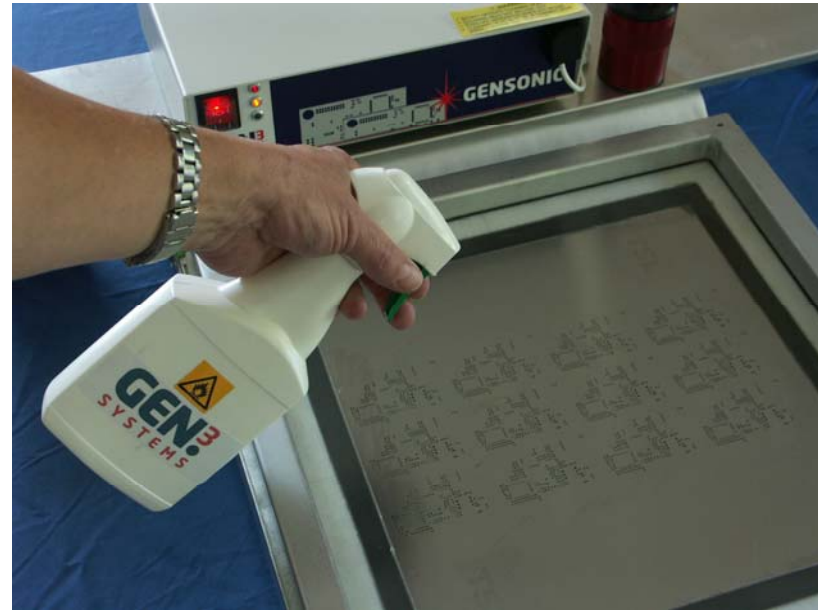
Impregnated Wipe

# STEP 2

Apply Cleaning Fluid ~ (less than 25ml)



+



Mist "Under Screen Paper"

+

Stencil Surface



# STEP 3

Apply GENSONIC ~ “On Contact” Ultrasonic Head



Click  
For   
Video

Move gently over

Apertures and

Squeegee travel

Areas with

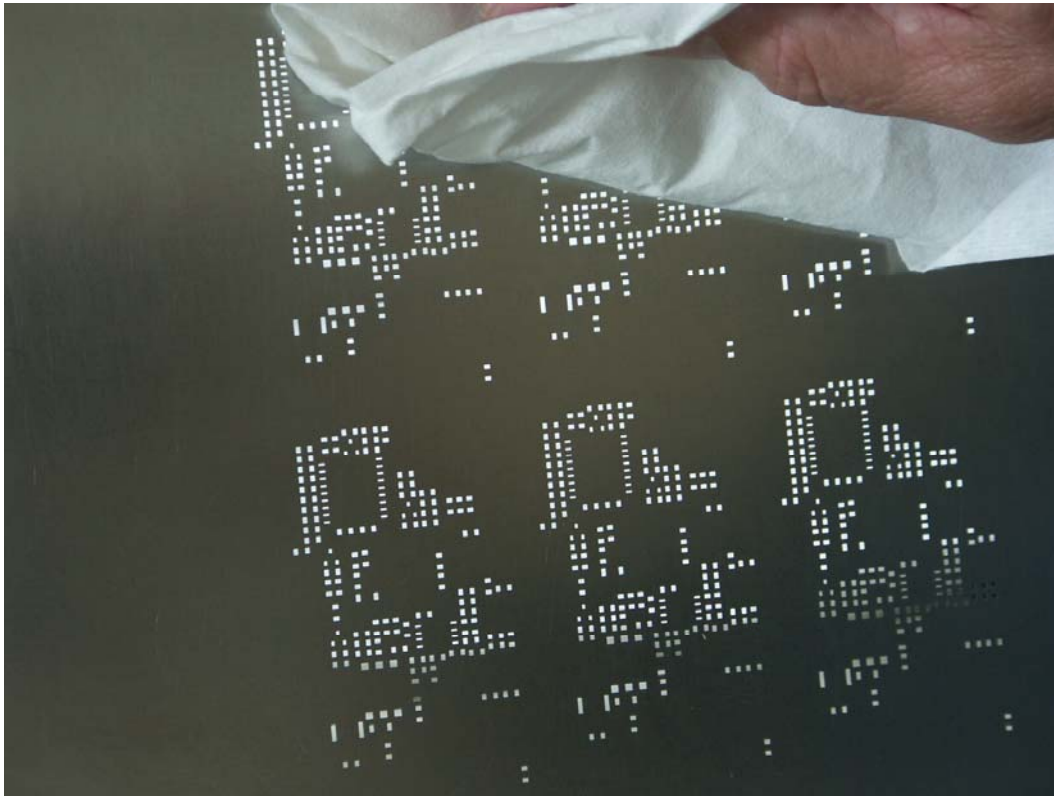
No risk of Damage

*Typical Cycle Time*

*90 seconds*

# STEP 4

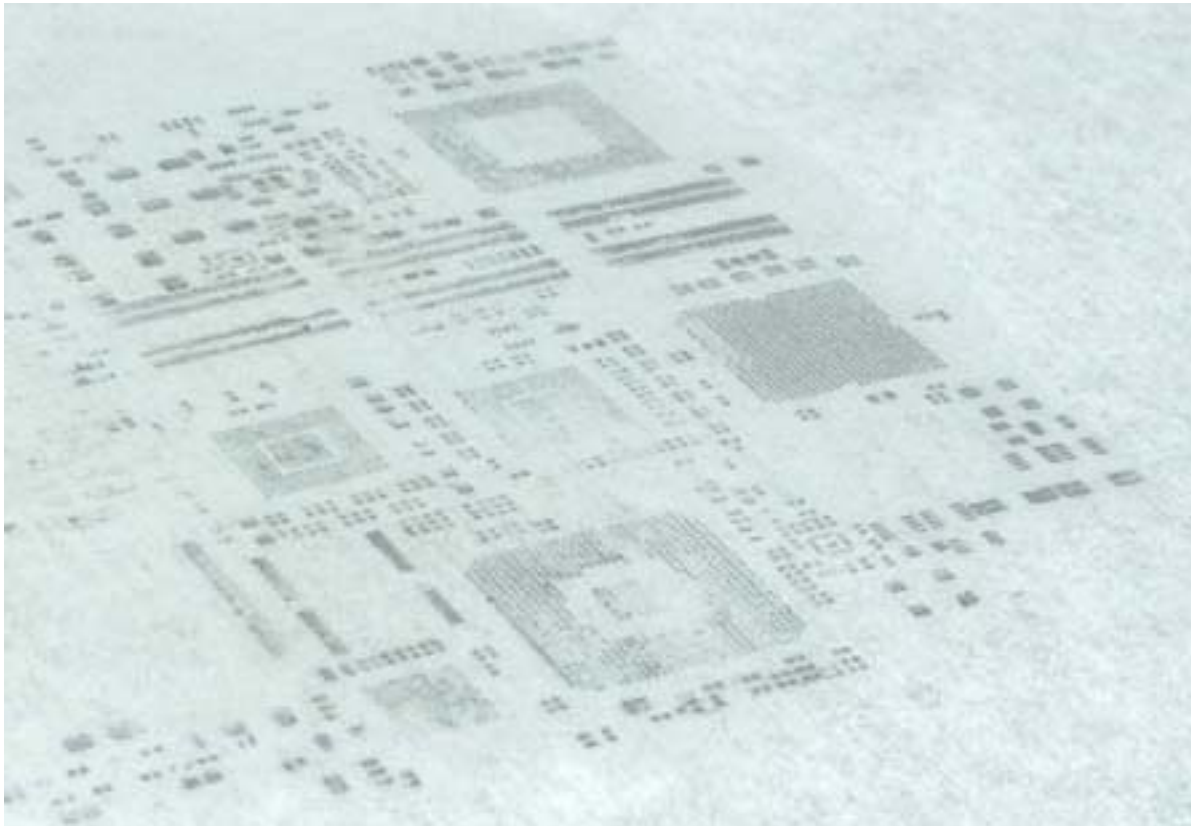
Dry Wipe the Stencil Both Sides



Wipe dry to remove  
excess fluid and  
surface debris

Apertures are always  
100% Clean

# The Proof



All Aperture debris  
is trapped in the  
Under Screen Paper



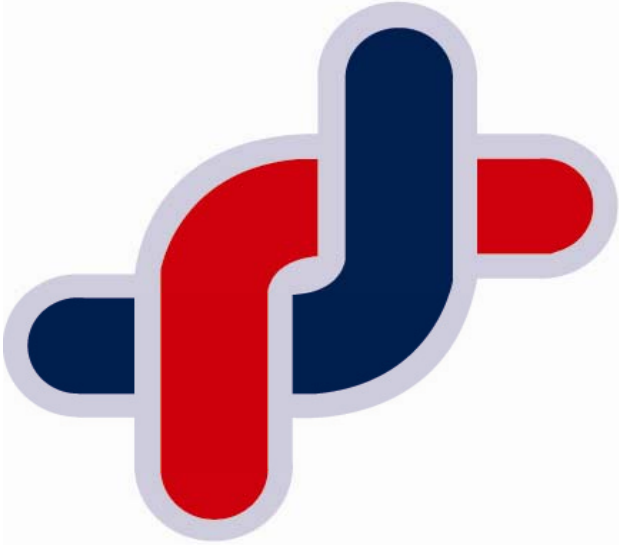
## *The Complete Portable Stencil Aperture Cleaning System*

- On the bench
- In the Printer Platform
- Ergonomic PSP Stencil Cleaning Centres
- ✓ 100% Clean Apertures
- ✓ Minimal Use of Cleaning Fluids & Consumables
- ✓ Fast Turn Around ~ Typical 2 minute Cleaning Cycle
- ✓ No risk to operators or Stencil damage



*The Complete Portable Stencil Aperture Cleaning System*

- ✓ Laser Cut Stencils
- ✓ Chemical Etch Stencils
- ✓ Electroformed Stencils
- ✓ Varidot / Pump Print ~ Plastic Stencils
- ✓ Mesh Hybrid Screens



**PROCESS**  
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