

**SMT Pneumatic Stencil Cleaning Machine**



**Introduction:**

I.C.T-750 is a pneumatic stencil cleaning machine which used to clean SMT solder paste or red glue printing stencil. Famous pneumatic parts, strictly produce process, patented rotation spray rods guarantee you a high quality stencil cleaning machine. Both solvent and aqueous detergent can be use in I.C.T-750. Cleaning result is the same—100% clean.

**Features:**

- 1.SUS 304 structure, Acid and Alkali corrosion resistance, 10 years lifespan.
- 2.Only driven by compressed air, no use electric power at all.
- 3.One button easy operation, clean and dry complete automatically.
- 4.Patent 360° rotation spray rods on both sides, ensure good cleaning quality and stable stencil tension.
- 5.Liquid recycle use, low consumption.
- 6.Inner-lock safety door and safety valve, once open, machine will be stopped immediately.
- 7.3-level precise liquid filtering system. Liquid used repeatedly.
- 8.Super well-known Pneumatic parts from all over the world manufactures.
- 9.Modular design, easy maintenance.

**Material:**



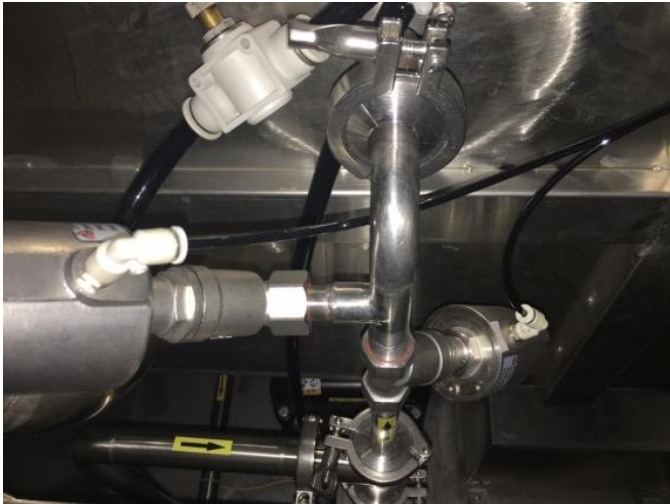
Diaphragm pump  
USA—INGERSORAND



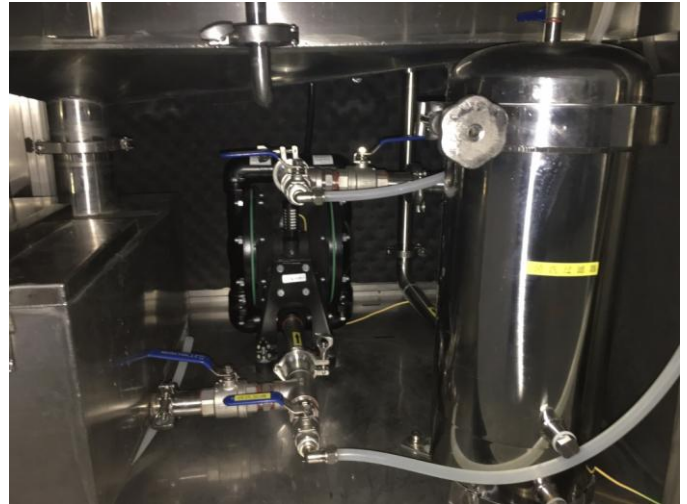
Indicator light  
JAPAN--KOGANEI



Timer  
Germany--HENNGSTLER

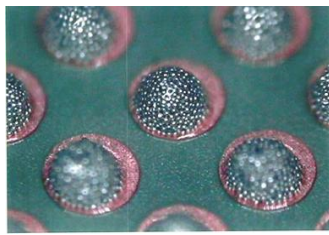
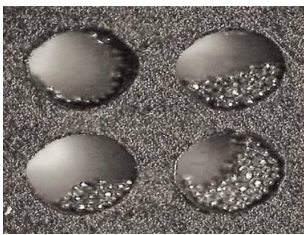


Pipe and valve  
Stainless steel304

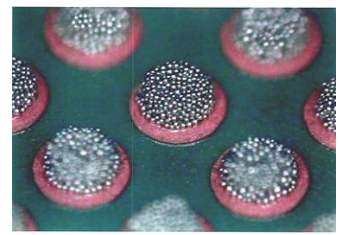
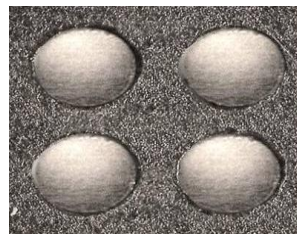


3 core large flow filter bucket  
Stainless steel304

**Effect:**



vs



Before cleaning

After cleaning

**Cleaning Report:**

1.Customer:ON Semiconductor(Shenzhen) Co.,Ltd.



2.Inspection Tool: 200 times electronic magnifier

Test sample (pcb stencil,Water based cleaning agent CTS100)

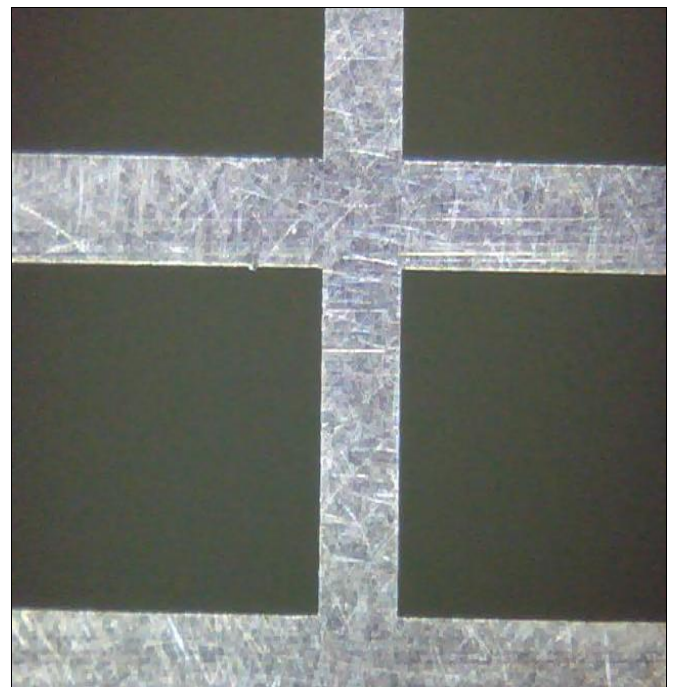
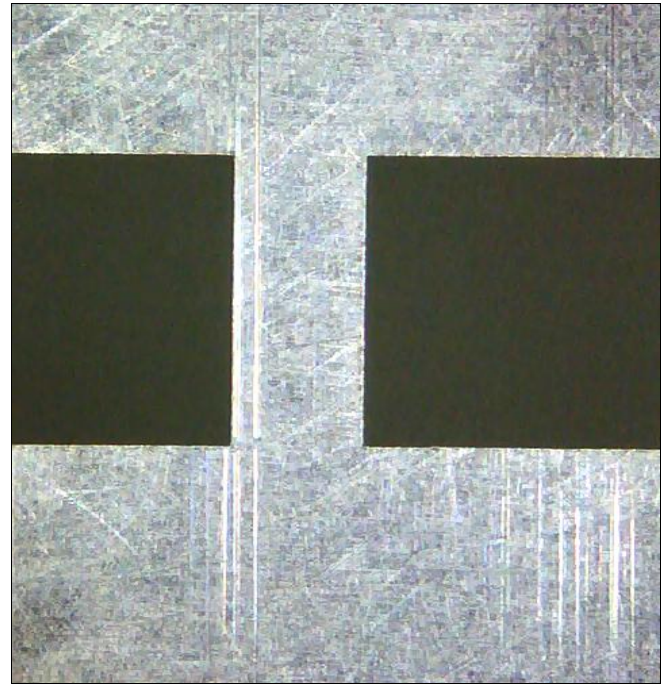
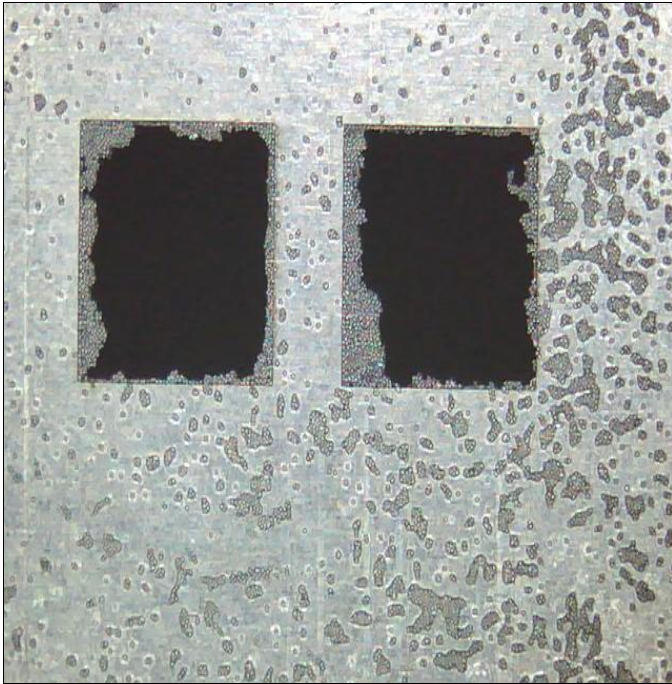


**3. Condition setting:**

Machine	I.C.T-750
Cleaning liquid	CTS-100
Clean time	300s
Dry time	300s

Compressed air pressure	0.5Mpa
Cleaning fluid temperature	Normal temperature, no heating

4.Effect comparison:



5. Conclusion

This cleaning test, CTS-100 water-based environmental protection cleaning fluid was used on I.C.T-750 cleaning machine. The air source was 0.5MPa, and the cleaning could be done by 300s. The remaining residues on the inner wall of the stencil opening and the stencil surface were completely cleaned.

In specific use, process parameters can be adjusted, such as cleaning time, drying time, spray pressure, etc., in order to better meet the actual production requirements.

Regular cleaning can solve the problem of solder paste residue on the stencil surface and mesh holes, and improve the printing quality and product yield.

Water based cleaning fluid, no volatilization, recycling, can save cleaning costs; no flash point, safe, environmental protection, in line with the requirements of fire protection and environmental protection. There is residual cleaning fluid, which can not be completely dried. It can be left standing for natural air drying.


The Cleaning will not damage the stencil.

**Specification:**

Item	I.C.T-750
Max stencil size	L750 x W750 x H40(mm)
Liquid tank	40L
Clean time	2~4min
Dry time	2~5min
Compressed air pressure	0.5~0.7Mpa
Air flow rate	400~600L/min
Clean method	360°rotation spray clean + compressed air blow dry
Filter system	20um/5um/1um, 3 level
Machine size	L800 x W950 x H1650(mm)
Machine weight	230KG

**Customer:**

**Thanks for choosing I.C.T.**  
**I.C.T looks forward to win-win cooperation.**  
**Thank you.**