

**TECHNICAL DATA SHEET****KT-702 Copper Mesh Cleaner****OVERVIEW****KT-702 Copper Mesh Cleaner**

KT-702 Copper Mesh Cleaner is a neutral, environmentally friendly water-based cleaner specifically developed for cleaning uncured red adhesive residues from SMT printing stencils (steel, copper, plastic meshes). Using deionized water as the main solvent, combined with various surfactants and additives, it offers excellent solubility and wetting properties for red adhesive residues, providing efficient cleaning for fine-pitch and small holes in stencils. The cleaner has a short cleaning time, leaves no residue, and dries quickly when wiped, without impacting subsequent printing processes. Developed with our patented technology, KT-702 has no flash point, making it a superior replacement for traditional solvent-based cleaners. It evaporates slowly during use, providing a long service life.

**Advantages:**

1. Effective in cleaning SMT printing stencil red adhesive and solder paste residues, with special effectiveness for thick red adhesive residues that are typically difficult to clean with water-based cleaners.
2. Exhibits strong solubility for red adhesives, reducing cleaning time, lowering costs, and improving cleaning efficiency.
3. Utilizes deionized water as the solvent, non-flammable, safe to use, with no need for additional explosion-proof measures.
4. Mild formula with neutral pH, providing excellent material compatibility with sensitive metals, stencils, mesh adhesives, and polymers like plastics.
5. Fully complies with VOC emission regulations.
6. Contains no solid substances, preventing organic deposits in rinsing units.
7. Leaves no white residues on cleaned objects and equipment.
8. Meets the latest REACH and RoHS regulatory standards, ensuring operational safety and environmental protection.

**Product Specifications:**

Product Model	Water-Based Cleaner KT-702
Appearance	Colorless transparent liquid
Density (25°C) g/cm <sup>3</sup>	1.01 ± 0.05
pH Value	7.0 ± 0.5
Flash Point (°C)	None
Water Solubility	Easily soluble
Usage Concentration %	100
Packaging Specification	20kg & 25kg/barrel



**Cleaning Test Implementation:**

We can recommend suitable cleaning agents based on the client's parts, contaminants, and cleaning requirements and conduct relevant cleaning tests to confirm a reasonable cleaning process. We provide valuable cleaning test reports and offer efficient and thorough cleaning solutions to our clients.

**Optimal Usage Temperature:**

55 ~ 60°C

**Usable Processes:**

Ultrasonic cleaning, spray cleaning, soaking. (Different cleaning processes provide different cleaning parameters)

**Usage Process Requirements:**

After cleaning, rinse thoroughly with pure water.

