

VALTECH

presented by GME Chemtech Sdn Bhd

Complete Cleaning Chemistry Solutions — From Stencil to Final PCBA

ABOUT

Valtech is a specialist cleaning chemistry partner for the EMS industry, offering a comprehensive range of chemistries covering every cleaning step in the SMT process — from under-stencil wiping and stencil cleaning, through misprint recovery, to post-reflow PCBA cleaning and SMT equipment maintenance.

TARGET APPLICATIONS

SMT Stencil Cleaning · Post-Reflow PCBA · Misprint Recovery
· Under-Stencil Wiping · SMT Equipment Maintenance

KEY BENEFITS

- ✓ Full SMT process coverage — stencil to final PCBA
- ✓ IPC-compliant ionic cleanliness results
- ✓ Compatible with no-clean, water-soluble & rosin fluxes

PRODUCT SOLUTIONS

for Electronics Manufacturing Services (EMS)

Stencil & Under-Stencil Cleaning Chemistry

Valtech stencil cleaning fluids remove solder paste and SMT adhesive residues from stencil apertures, undersides and frames — critical for maintaining print quality and consistent paste transfer, especially for fine-pitch and ultra-fine-pitch components. Under-stencil wipe (USW) compatible chemistries ensure apertures stay clean between prints without affecting paste viscosity.

PCBA Cleaning — Aqueous & Semi-Aqueous

Valtech's post-reflow PCBA cleaning agents remove flux residues, ionic contamination and solder paste from assembled boards — including under low-standoff SMD components. Available in aqueous (water-based) and semi-aqueous formulations compatible with batch and inline cleaning systems. Suitable for no-clean, water-soluble and rosin flux types.

Misprint Recovery & SMT Equipment Cleaners

Valtech misprint cleaning solutions rapidly remove paste from misprinted bare PCBs and stencils, minimising scrap and production downtime. SMT equipment cleaners maintain squeegees, solder frames, reflow oven filters and dispensing equipment — reducing unplanned downtime and extending machine service life.