

IONIC CONTAMINATION TESTER CT100



The CT100 is designed to make simple and accurate ionic contamination test in fully compliance with MIL-P-28809, MIL-STD-2000A, DEF-STD 10/03, IPC-TR-583, IEC Standards...

These measures are necessary to check the cleanliness of wafers, boards (PCB), assemblies (PCBA), ... and production (no clean process, cleaning solutions, lead free solder paste and flux with new activator, cleaning agents, before conformal coating ...), for quality control and approval.

In humid atmosphere, the ionic contamination is transformed in electrolyte catching moving ions which can create failures on electronic assemblies (dendrites, bad insulation.....).

The ionic contamination test will point out these risks, secure accordingly assembly process and will extend life duration, reliability of end product.

Process is at first to clean efficiently the specimen using chemistry 2-Propanol and de-ionised water (75/25 or 50/50) while analysing continuously contamination development in the cleaning solution running in close loop tubing.