Introducing the CM range of Contaminometers™ from Gen3 Systems.

Used to measure the amount of ionic contamination, usually referred to as cleanliness levels, in accordance with all international specifications. They are often referred to as ROSE (Resistivity Of Solvent Extracted) or SEC (Solvent Extract Conductivity) testers.

Process ionic contamination testing (PICT) is a new process control metric introduced by Gen3 Systems.

The CM Range:

- CM11+
- CM22
- CM33
- CM33L
- CM60
- CMBBT
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Ionic Contamination Testing

Ionic’s are bad for electronics.

Mixing ions (salts) with electricity in the presence of moisture facilitates an electrolytic cell initiating electro-chemical reactions at least in the form of dendrites.

Ionic Contamination has been proven to contribute to Tin Whiskers.

Ionic Contamination Testing is therefore an essential tool in controlling a production process.

The detection of ionic impurities is critical for several industries where there are stringent regulatory and industrial requirements in the identification of trace ionic contaminants. Detecting and measuring these ionic impurities is a well proven and widely used technique. Standards in use today include: IPC-9501 – IPC-6502 – IPC-TM-650 Method 2.3.25.

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CM22
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CMBBT
For over 40 years the Benchmark for Ionic Contamination Testing

**CMBBT - Bare Board Tester**

Optimised to provide the most accurate measurements, the system features a "Narrow & Deep" tank to avoid the unwanted influences of CO₂. Tank size: 715 x 665 x 30 mm (28" x 26" x 1.2")

**CM11+**

The CM11+ is the world's smallest and most convenient bench-top system. Tank size: 250 x 300 x 36 mm (10" x 12" x 1.4")

**CM22**

A free-standing system able to cater for larger assemblies whilst maintaining a low surface area to test solution ratio. Tank size: 250 x 350 x 60 mm (10" x 14" x 2.4")

**CM33**

Suited to the widest variety of assembly sizes without losing test accuracy. Tank size: 500 x 350 x 60 mm (19.7" x 13.8" x 2.4")

**CM33L**

Equipped with enhanced plumbing to maintain optimum test accuracy. Tank size: 610 x 610 x 90 mm (24" x 24" x 3.6")

**CM60**

The CM60 utilises a unique Volumetric Measurement Cell (VMC). To test, simply input the circuit length and width, put the item into the tank and push the button – it’s as simple as that. Tank size: 500 x 350 x 60 mm (19.7" x 13.8" x 2.4")