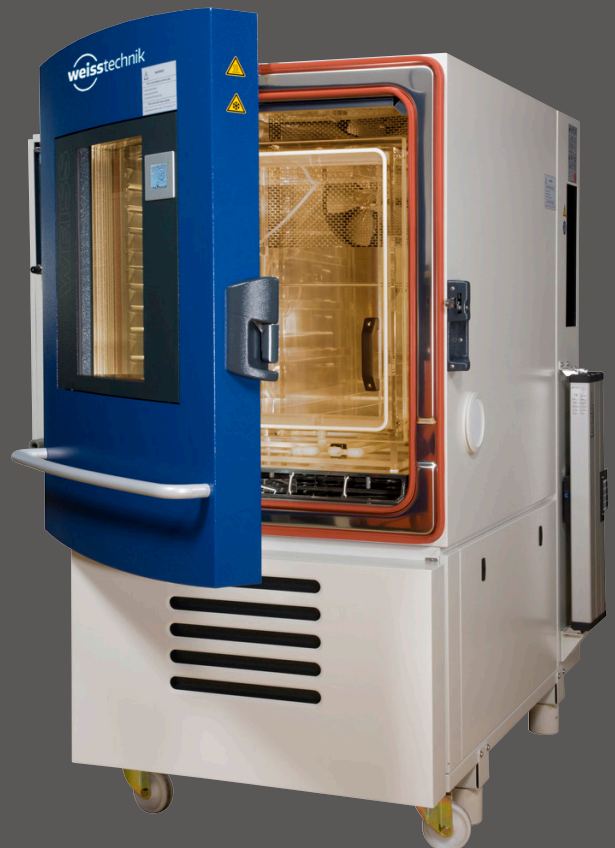


HIGH IMPEDANCE RAMP TESTER

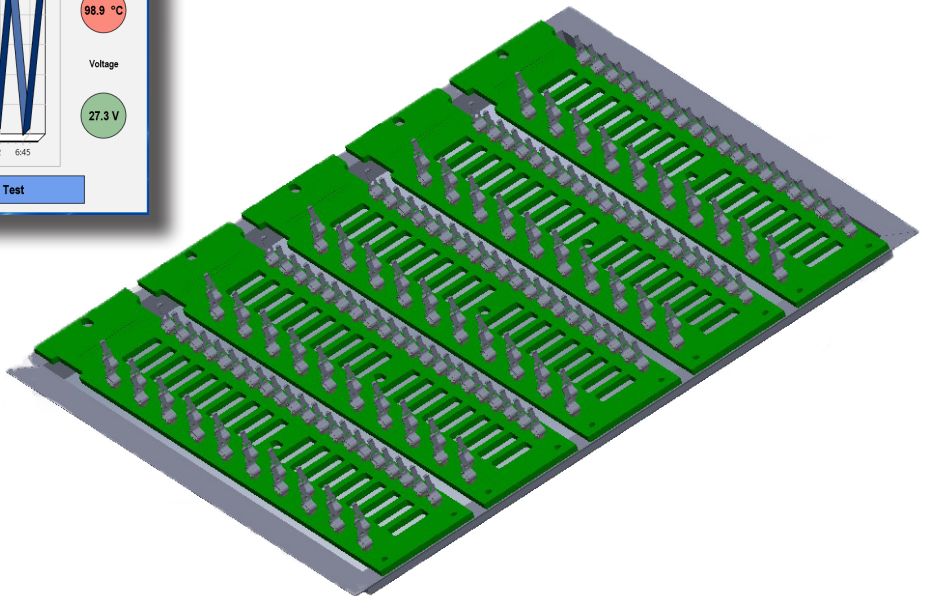
The High Impedance Ramp Tester (Ramp Tester) is a system designed to meet the testing requirements of MIL-PRF-87217 Section 4.7.4 (High Impedance Ramp Test) for high performance aerospace and military grade capacitors.

The Ramp Tester is equipped with a configurable number of test channels placed inside a PLC controlled test oven. An adjustable ramp voltage source allows high/low voltage cycles to be applied to the parts under test. The connected capacitor scanner allows capacitor leakage measurements to be recorded automatically during the course of the test.

The Ramp Tester is supervised by a PC which extracts machine configuration data from your Test4Action database to allow automatic machine configuration. Test results are fed back to your Test4Action database after the test for future archival and data analysis purposes.



KEY SPECIFICATONS



Conditioning	High Impedance Ramp Test
Test Channels	20 - 256
Mounting Rack Capacity	20 Parts / Rack
Racks / Oven	Up to 13
Interface	Ethernet (RJ45)
Analog I/O Resolution	12 bit
Analog Input	4-20 mA
Analog Output	0-10 V
Temperature Range	-100 °C - 150 °C
Ramp Voltage Source	0 V - 35 V
Ramp Source Current Capability	2 A
Series Resistance	2 MΩ
PLC Scan Speed	0.5 s
Dwell Time	200 s - 32000 s
Testing Specifications	MIL-STD-202 MIL-PRF-87217

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