

Core Compliance Testing Services Test Capabilities

Category	Test Equipment	Function	Test Range	Internal size	Test	Technical capabilities
Reliability	QualMark OVS4 Typhoon	Temperature & Vibration	(-100C to +200C and 0~100Grms)	W48"xD48"xH72"	Reliability/Durability testing	N/A
Reliability	QualMark OVS2.5 Typhoon	Temperature & Vibration	(-100C to +200C and 0~100Grms)	W30"xD30"xH48"	Reliability/Durability testing	N/A
Environmental	ESPEC Thermal Walk-In	Temperature	(-20C to +120C)	W82"xD108"xH94"	Environmental	GB2423.1-2001;GB/T 13543-1992;IEC 68-2-1ETS;300019-1-3/A1-1998
Environmental	ESPEC Temp and Humidity	Temperature & Humidity	(-70C to +180C and 10% to 98% rh)	W36"xD36"xH36"	Low/High Temp, Damp Heat: Storage/Operation	GB2423.1-2001;GB/T 13543-1992;IEC 68-2-1ETS;300019-1-3/A1-1998
Environmental	Thermotron Temp and Humidity	Temperature & Humidity	(-68C to +180C and 10% to 98% rh)	W36"xD36"xH36"	Low/High Temp, Damp Heat: Storage/Operation	GB2423.1-2001;GB/T 13543-1992;IEC 68-2-1ETS;300019-1-3/A1-1998
Reliability	Altitude and Temp Chamber	Altitude / Temperature	~572mbar or 15,000 ft	W24"xD24"xH24"	Altitude and temp	GB2423.1-2001;GB/T 13543-1992;IEC 68-2-1ETS;300019-1-3/A1-1998
Reliability	Drop test	Package drop test	30" to 84" drop hieght	table size W20"xD24" H30" to 84"	Environmental Package drop test	GB2423.1-2001;GB/T 13543-1992;IEC 68-2-1ETS;300019-1-3/A1-1998
EMI	10 Meter OATS	Radiated Emissions	30 MHz -18 GHz	6' Turntable/3300lbs	FCC A&B, CE	A2LA accredited and FCC Registered
EMI	Test Station	Conducted Emissions	150 KHz - 30 MHz	Single and 3 Phase	FCC A&B, CE	A2LA accredited and FCC Registered
EMC	ESD Simulator	ESD	Up to 30 kV	na	EN 61000-4-2	A2LA accredited
EMC	3 Meter anechoic chamber	RFI	80 MHz - 2500 MHz	16' x 24 x 10'	EN 61000-4-3	A2LA accredited
EMC	Burst Tester	EFT	2 kV	Single phase	EN 61000-4-4	A2LA accredited
EMC	Surge Tester	AC Surge	4kV	Single phase	EN 61000-4-5	A2LA accredited
EMC	Conducted Immunity	CI	3 Vrms, 10 Vrms	Single phase	EN 61000-4-6	A2LA accredited
EMC	Helmholts Coil	Magnetics	1 A/m to 400 A/m	1.5 meters	EN 61000-4-8	A2LA accredited
EMC	AC Power Source	Dip/Interrupt	Per spec	Single phase	EN 61000-4-11	A2LA accredited
EMC	Flicker Analyzer	Flicker	Per spec	Single phase	EN 61000-3-2	A2LA accredited
EMC	Harmonic Analyzer	Harmonics	Per spec	Single phase	EN 61000-3-2	A2LA accredited