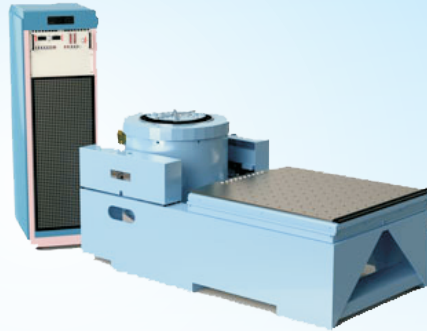




SSPL TEST HOUSE

- A Complete Environmental, Vibration & Shock Testing Facilities



Environmental Testing

- Temperature Cycling Test
- Humidity Cycling Test
- Pharma Stability Test
- Thermal Shock Test
- ESS-Stress Screening Test

Vibration Testing

- Sine Vibration Testing
- Random Vibration Testing
- Shock Testing
- Sine-on-Random Testing
- Random-on-Random Testing
- Resonance Search, Track and Dwell Testing

Shock Testing

- Shock Testing
 - Half Sine Wave Pulse
 - Sawtooth Wave Pulse
 - Square Wave Pulse
- Bump Testing
- Drop Testing
- Modal Testing
- Noise Detection Testing

Typical test standards which can be performed at our lab

Vibration & Shock Test Standards

Sine & General Vibration Tests

- IS 9000 (Part - 8)
- IEC 60068-2-6:2007
- JSS 5555:2000
- JSS 50101:1984
- JIS D1601-1995
- JIS C 0040:1999
- MIL-STD 167
- MIL-STD-202
- MIL-STD-750
- SAE J1455
- MIL-STD-810 Systems
- MIL-STD-883 Method 2005.2
- MIL-STD-883 Method 2007.2
- MIL-STD-202 Components
- ISO 10055:1996
- EIA-RS-186-8E
- RTCA DO-160

Shock Tests

- IEC 60068-2-27:2008
- IS 9000 (P - 7) Sec I
- RTCA DO-160D
- MIL-STD-810F
- ISO 16750-3
- MIL-S-901D
- MIL-STD-883 Method 2003.3

Random Tests

- IEC 60068-2-64:2008
- IEC 61373:2010
- RTCA DO-160 Section 8
- MIL-STD-883 Method 2026

Mixed Mode Tests

- IEC 60068-2-80 Part 2-80

Bump Tests

- IS 9000-7-1:2006, Sec II and Sec IV
- IEC 60068-2-29:1987

Environmental Test Standards

Cold

- IEC 60068-2-1, Test A
- IEC 60721-4
- ISO 16750-4, Low temperature
- ETSI EN 300019-2-4, Test Ab/Ad
- MIL-STD-810 G, Meth. 507.5
- MIL-E-5272, Teil 4.2 JESD22-A119

Japanese Standards

- JIS D 5705
- JIS Z 2371
- JIS D 207
- JIS D 203

Heat

- IEC 60068-2-2, Test B
- IEC 60721-4
- ISO 16750-4, High temperature
- ETSI EN 300019-2-4, Test Bb/Bd
- MIL-STD-202 G, Meth. 108A
- MIL-STD-810 G, Meth. 501.5
- MIL-STD-883 J, Meth. 1008.2
- MIL-E-5272, Teil 4.1
- JESD22-A103D

Constant Climates

- Constant climates
- IEC 60068-2-67
- IEC 60068-2-78
- IEC 60721-4
- ISO 16750-4, Damp heat steady
- ETSI EN 300019-2-4, Test Cab
- MIL-STD-202 G, Meth. 103B
- JESD22-A101C

Alternating Temperatures

- IEC 60068-2-14, Test Nb
- ISO 16750-4, Temp. steps
- ISO 16750-4, Temp. cycling
- ETSI EN 300019-2-4, test Nb.
- MIL-STD-331 C. Test c6
- JESD22-A105C

Alternating Climates

- IEC 60068-2-30, Test Db, Var. 1
- IEC 60068-2-30, Test Db, Var. 2
- IEC 60068-2-38
- ISO 16750-4, Damp heat cyclic
- ISO 16750-4, Tem/humid, cyclic
- ETSI EN 300019-2-4, Test Db
- VG 95210, Blatt 7, Meth. 106C
- MIL-STD-202, Meth. 106D
- MIL-STD-331 C, Test C1
- MIL-STD-750-1, Change 3
- MIL-STD-810 G, Meth. 507.5
- MIL-STD-883 J, Meth. 1004.7
- MIL-E-5272, part 4.4
- JESD22-A100D



SSPL - Test House



(A Group Company of Structural Solutions Pvt. Ltd. & SSPL Systems & Technologies Pvt. Ltd.)
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