

System Level Reliability Test Services

MASER Engineering offers a wide range of System Level Reliability tests on systems or sub-systems. Additional to test execution MASER offers advise and consultancy.



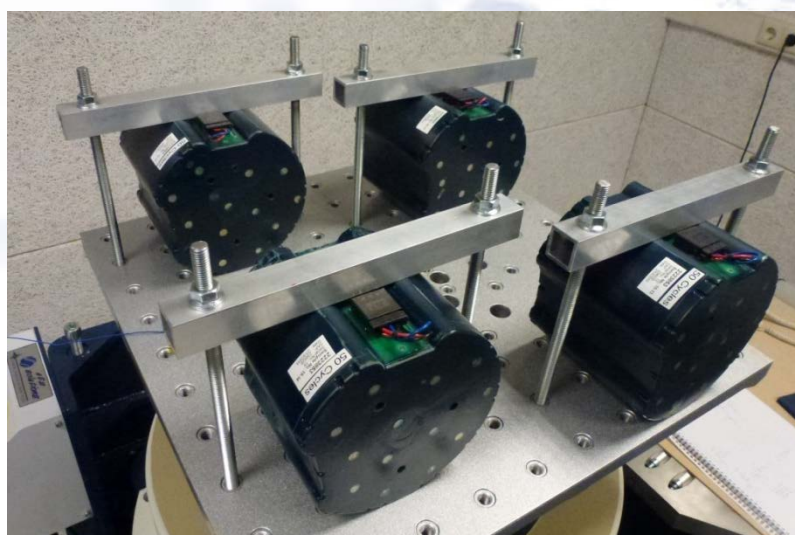
CLIMATE TEST

- Several ESPEC Climate Test systems available
- Temperature range: -40°C / +150 °C
- Humidity range: +40%/+95% R.H.
- According to all major international standards and customer specific requirements
- Real-time monitoring of conditions
- ISO17025 accreditation for several tests for scope see www.rva.nl (code:L388)



TEMPERATURE CYCLING TEST

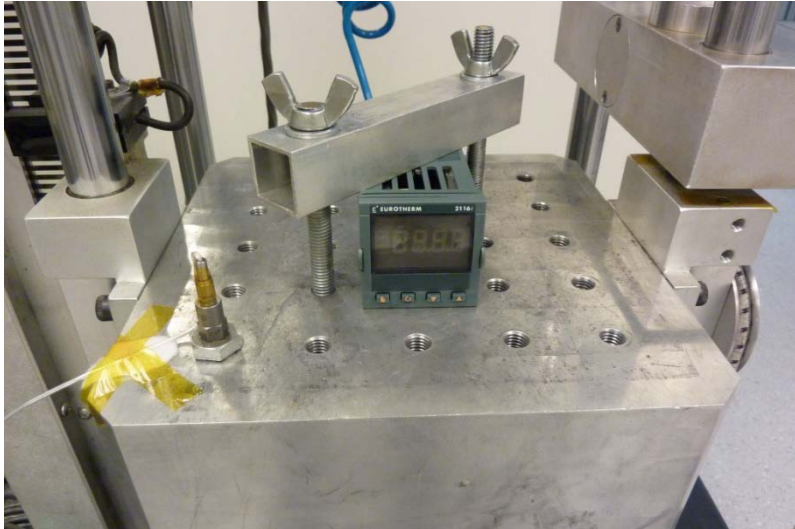
- Several ESPEC Temperature Cycling Test systems available
- Temperature range: -70°C / +300 °C
- According to all major international standards and customer specific requirements
- Real-time monitoring of conditions
- ISO17025 accreditation for several tests for scope see www.rva.nl (code:L388)



VIBRATION TEST

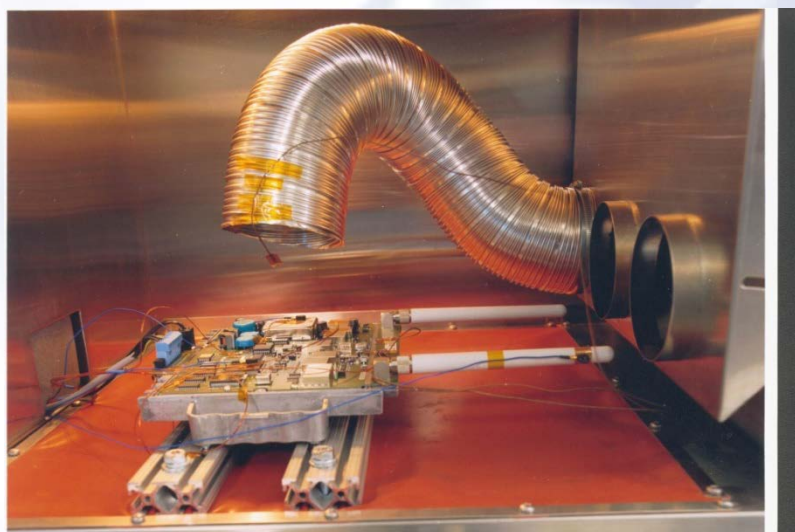
- Electro Dynamic Shaker (ETS Solutions M124/GT600M)
- Wide range of tests possible
- In house custom design and manufacturing of test fixturing
- Specification
 - Frequency range: DC – 4000Hz
 - Sine acceleration: 100g
 - Sine force: 10.000N/1.000kgf
 - Displacement: 51mm

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MECHANICAL SHOCK TEST

- Lansmont M23 Shock tester
- Shock level: Max 10000 G
- Pulse shape: Half Sine / Trapezium
- In house tool shop for quick turn around custom fixtures



HALT TEST:

- QualMark OVS1.5 HP System
- Locate weak spots in your prototype within a few days
- Temperature range: -100°C / +200°C
- Temperature transition: max 60 K/min
- Acceleration: Max 45 Grms



CORROSION TEST:

- VLM Salt Mist test system
- Locate corrosion sensitive materials within a few days
- Humidity Range: 95 % to 98%
- Test area content: 600 liter
- According to all major international standards and customer specific requirements

**Please challenge us with your system reliability test problem.
We look forward to support you!**

For more info please visit www.maser.nl
For assistance or inquiries please contact : info@maser.nl
or call +31 53 480 26 80