

CATEGORIES

- Automotive
- Aerospace
- Defense
- Industrial

# Vibration & Shock

## ENVIRONMENTAL SIMULATION

# // Vibration & Shock

**Vibration tests and / or mechanical shock tests, simulate the conditions which may occur during transport or field use of the DUT (device under test). The vibration test can be superimposed on temperature or even temperature changes to increase the load on the DUT.**

## STANDARDS

MBN LV 124-2  
VW 80000  
GS 95024-3-1  
MIL-STD 810  
RTCA DO-160  
IEC 2591-403  
IEC 60068-2-64 /-6 /-27 /-29  
IEC 60721-3-2  
IEC 61373  
DIN SPEC 79009

Additionally we work with numerous customer specific standards from the automotive, aerospace and defense sectors.

### Types

Sinus, noise, sinus over noise, search for resonance & dwell

### Temperature range

-70°C up to +230°C

### Max force:

100kN

**Vibration tests can be carried out vertically as well as horizontally with the help of a sliptable.**

### Max. acceleration

300g

### Max. velocity:

3,5m/s

### Max amplitude:

76mm (±22mm)

