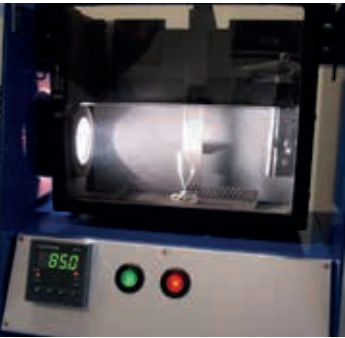




# HERMETIC PACKAGE TEST SERVICE

- HERMETIC, CAVITY, SENSOR AND MEMS DEVICES
- PIND TEST
- MECHANICAL SHOCK
- VIBRATION VARIABLE FREQUENCY
- CONSTANT ACCELERATION
- GROSS/FINE LEAK

# HERMETIC PACKAGE TEST SERVICE



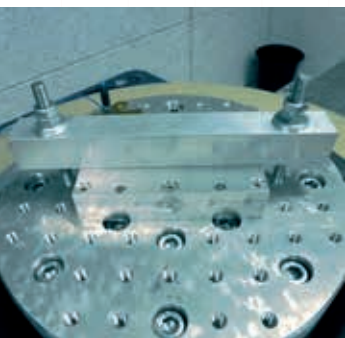
## HERMETIC PACKAGE TESTS

- Tests for hermetic, cavity, sensor and/or MEMS devices
- Mechanical shock
- Vibration Variable Frequency
- Constant Acceleration
- Gross/Fine leak
- Package drop
- JEDEC JESD47, AEC-Q100 TEST GROUP G and MIL-STD-883



## MECHANICAL SHOCK

- Half-sine pulse
- Trapezium pulse
- 1500g peak acceleration
- JESD22-B104
- MIL-STD-883 method 2002
- Capability: up to 10.000g



## VIBRATION VARIABLE FREQUENCY

- 20Hz to 2kHz in > 4min
- 4x in each direction
- 50g peak acceleration
- JESD22-B103
- MIL-STD-883 method 2007



## CONSTANT ACCELERATION

- 30.000 g force <40 pin packages
- 20.000 g force  $\geq$  40 pin packages
- 1 min, Y1 plane only
- In-house sample holder design and manufacturing
- MIL-STD-883 method 2001
- Customer specific: 3500g, 1 direction, 24 hrs