

Mechanical, Environmental & Performance Tests



Environmental & Performance Tests

- ◆ Climatic & humidity testing
- ◆ Thermal shock tests
- ◆ Corrosion (salt fog tests)
- ◆ IP and IK protection rate
- ◆ Emission/Release Volatil Organic Compounds tests (VOC)

Tests on:

Enclosures, cabinet, devices and components for automotive, plastics and rubbers, metals, frames, handles and knobs, etc.



Mechanical test

- ◆ Static and Dynamic load tests
- ◆ Impact tests
- ◆ Mechanical durability cycles

Tests on:

Building products, road signs, nautical wheels, components, barriers, etc.



Vibration Tests & Measurements

- ◆ Vibration tests (shaker)
- ◆ Human Exposure Hand-Transmitted Vibration tests
- ◆ Human Exposure to Whole Body Vibration tests
- ◆ Hand-Held Portable Power Tools – Vibration at the Handle tests
- ◆ Tests to assess conformity to Machinery Directive 2006/42/EC
- ◆ Tests to assess conformity to Electrical Safety Directive 2014/35/EU

Tests on:

Household, power tools, industrial plants and machines, electrical and mechanical equipment.



Acoustic Tests

- ◆ Sound power and pressure level measurement
- ◆ Acoustic intensimetry measurement
- ◆ Acoustic insulation
- ◆ Calibration of phonometers and accelerometers

Tests on:

Household, power tools, industrial plants and machines, electrical and mechanical equipment.

EN ISO 17025 accredited tests available on www.accredia.it (accreditation n. 0085)

