

Introducing New Product Lines



Electrodynamic and Electromechanical Material Testing Systems from **STEP Lab**



Full-scale Crash Test facilities from **Additium**



Specialty Crash Sensors from **mgSensor**



Wind Tunnel Testing from **Aiolos**

STEP Lab, Italy



STEP Lab, Italy specializes in the production of electrically driven, mechanical testing machines for static and dynamic tests. Founded in 2011, STEP Lab supplies a wide range of products, both standard and customized, and has an extraordinary customer base all around the globe especially in Germany, UK, Italy, USA, Holland, China, and South Korea. Products from STEP Lab includes

- Electrodynamic and Electromechanical Actuators
- Damper Test Systems
- Climatic Chambers
- Load Frames
- Robotic arms for High complexity movements
- Drop Test Systems
- Torsional Actuators

Additium Technologies, S.L., Spain



Additium Technologies, from Spain, is a young company formed by a highly experienced team capable of setting up Full Scale Crash Test laboratories and systems. They have wide experience in this market and are making the following:

- Fully electric launchers
- Linear Propellers and Impactors (head forms, leg-forms, body block, pendulum, knee impact),
- Crash Simulation sleds,
- Static and Pseudo-dynamic Test Rigs,
- Seat Belt Anchorage, Head Restraint systems, Seats of busses, Roof Crush, Side Intrusion etc.



They are known for their accurate and high precision systems that maintains high repeatability over a range of tests.

mg-sensor GmbH, Germany



mg-sensor is specialized in the development and production of sensors for the automotive industry and mechanical engineering. They offer a wide range of standard sensors and individual solutions for crash test dummies and vehicle safety and universally applicable sensors for various industries.

Their range of sensors including

- Dummy Load Cells (Neck, Lumbar, Tibia etc)
- Seat Belt Sensor
- Steering Column Load Cell
- General Application Load cell
- Acceleration, length, angular velocity sensors
- Temperature, Relative humidity sensor
- Current and Voltage Sensor
- Dummy integrations and custom developments.



Aiolos, Canada



Aiolos is a world leader in the design and construction of wind tunnels and test facilities with an established customer base including the likes of NASA, Land Rover, Jaguar, Ford, Volvo, Mercedes etc.

Aiolos can offer:

- Aerodynamic Wind Tunnels
- Altitude and Climatic Wind Tunnels
- Aero Acoustic Wind tunnel and Acoustic Test facilities
- Vehicle Emissions Facilities
- Low and High speed wind tunnel for Aeronautical and Aerospace Industry