



Since 2015... from 1995

New
Innovative
Full Electric solutions

Safety Test Systems

Innovation
Turn-key projects
Customized design
Systems upgrades
Operation support
Test Regulations
compliance



Full Scale Crash Test Facilities for testing according frontal, side, rear, Car2Car, small overlap, rollover test protocols. Upgrade of existing facilities with customized solutions and state of the art speed control systems. **New Nano-Rail.**

E-Launcher - New High Technology linear propellers

Most precise speed control loops based on linear motors technology.



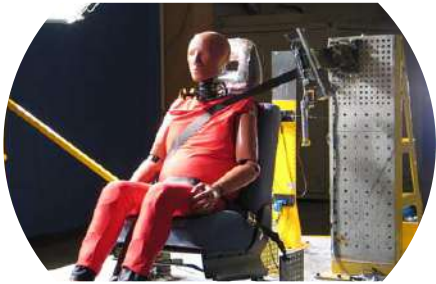
Multi Launcher Flexible positioning frames for many different type of test, either free flight or guided (head forms, leg forms, upperleg forms, boby block, pendulum, ejection mitigation, misuse, knee impact...)

E-SBA - New Electrical Seat Belt Anchorage E-SBA test rig based on servo-electrical actuators. The system includes a reliable multi-axis real time controller with specific improved algorithms and control strategies for ECE - R14.



Roof Crush and Side Intrusion, Resistance of Seats of Buses...

Test Rigs with "state of the art" single or multi-axis controlled force/displacement loading devices according to specific regulation.
Based on servo-electrical or servo-hydraulic actuators.



Crash Simulation sleds for passive safety components development or Conformity of Production (COP) tests. Different propulsion and deceleration technologies are available to match with each customer needs.

Head Restraint Performance (E-HRP) Test System Cost effective solution for quasi-static verification of seat framework and head restraints with electrical actuators. Height retention test included.



Energy Absorption and Pendulums (Bumper, Truck Cabinet...)
Highly accurate test system based on gravity for energy absorption impact test. Robust system with precise electric driven firing positioning.

Auxiliary Equipment

- Speed Meter: based in two laser beams for an accurate measurement.
- LED or HMI Lighting System: flicker free lighting with an optimized brightness for high speed filming.



New approach to the automotive safety testing

Additium Technologies is a young company formed by professionals with more than 20 years of direct experience on the design, manufacturing, commissioning and support of custom made test systems.

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**ADDED value Passive Safety
Test Systems**

