

STIFFNESS ANALYSIS

ELECTROMECHANIC TESTS



YOUR GLOBAL **MOBILITY** **ENGINEERING** EXPERTS

Development of automotive components has been growing in both complexity and requirements according to international markets and standards. As a result, the development of the tools and devices to match these standards is a strong need for our business partners and to our own growth. As a solution-based company, in EDAG México we make use of the materials and talents at hand to provide our clients with the resources to perform these and more tests.

The stiffness testing provides information about the expected behavior under final-client conditions for interior and exterior components of the vehicle under static and dynamic loads, considering the environmental conditions.

At EDAG we provide experimental results, according to the custom setup that each individual test requires, with our custom-built test benches, based on electromechanical cylinders that hold up to 20kN. Further developments are available at our facilities to provide constantly improving solutions for the market and the OEMs.

About our services

- Abuse, rigidity and strength tests on custom-built test benches based on electromechanical actuators (test forces up to 20kN).
- Execution of static and dynamic component tests (e.g. function or endurance tests).
- Planning, execution, and evaluation of results on interior and exterior components (e.g. metal sheets or dashboard).
- Preconditioning of the test component and environmental simulation during the test.
- Final condition analysis.

We have the right test facility for almost everything

In our test laboratories we carry out stiffness tests using electromechanical actuators in constantly improving test benches.

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