



EUROAMERICA
TEST AND MEASUREMENT SOLUTIONS

ATD-LabTech MD Test System

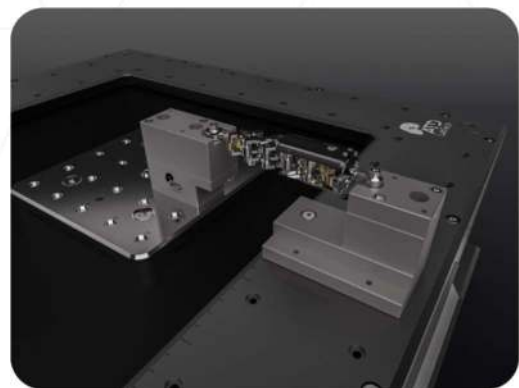
The Multi-Dimension (MD) Test System is a stand-alone solution based on the drop/compression module of the PDC Test System. With the available extensions, it is possible to carry out force, torque, and multi-dimensional displacement sensor calibrations.



The system carries out tests with forces of up to 1kN in the X and Y directions (horizontal) and forces up to 25kN in the Z direction (vertical). In combination with the high positioning accuracy of 0.01 mm, the user has many options in the area of crash test dummy and component testing as well as sensor calibration. Specifically, it is possible for partially automated (3D) zero-point verification and calibration of multi-dimensional displacement sensors including S-Track and IR-TRACC. Associated options also include Flex-PLI certification, user-defined material tests and the implementation of quasi-static or endurance tests.



The compact MDT+ is the critical upgrade that allows the MD Test System or PDC to operate in the horizontal axes (X and Y), allowing for the partially automated calibration of 3D S-Track assemblies and 3D IR-TRACC assemblies.



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