ISO-Compliant full Integration of Test Systems


ATD-Service is accredited as a testing laboratory for testing crash test dummies according to DIN EN ISO/IEC 17025:2005 (accreditation scope D-PL-20848-01-00).

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“We use ATD-LabTech test systems as an independent ISO 17025:2005 accredited test laboratory”

“We supply copies of this turnkey ready systems as an ISO 9001:2015 certified test system supplier.”

ATD-LabTech GmbH - certified according to ISO 9001:2015
As a supplier of specially developed test systems for crash test dummy certification, ATD-LabTech GmbH has introduced a quality management system and is certified according to ISO 9001:2015.
Control Concept and Data-Acquisition

An industrial-pc with its touchpanel combines the control and data-acquisition systems as a central unit:

Data-Acquisition made easy

Our new data-acquisition system offers a plug-and-play crash-test-dummy certification “powered by mg-sensor”. Analogue or digital sensors and complete digital ATDs can be connected via an analogue, DTI, DTS or NXT32 interface to the integrated data-acquisition system.

Dummy Certification Laboratory

A complete ATD-LabTech dummy laboratory consists of three multifunctional and interconnected test benches: The Flex-Test-System, the Pendulum-Drop-and-Compression-Test-System (PDC), and the Impact-Test-System.

The Flex-Test-System combines pelvic and torso flexion tests in a very compact design. It offers a fully automated positioning and test procedure.

The PDC-Test-System’s neck pendulum offers a new adaption system for a quick and easy change of head shapes.

Foot impact testing with innovative and easy adjustment. For THOR and H3 foot impact tests.

The automated Test Bench allows easy dummy positioning along four axes. Also available as stand-alone solution.

High precision impact-testing with maximum comfort. The rope pendulum of the Impact-Test-System with its linear actuator allows an impact-speed of up to 9 m/s (29.5 fps) with a 14 kg (30.9 lbs) probe. The new design allows the operation in rooms with a low ceiling-height of 3.36 m (11 ft).

Follow the QR-Code or Link for more Information, Pictures and Videos: