

Press Release

for IMMEDIATE Release

Evaluation Software X-Crash ATD for the Certification of Dummies version 8.6 released

Moenchengladbach, March 11, 2025

As part of continuous further development, measX today released version 8.6 of the software for evaluating tests for the certification of crash test dummies X-Crash ATD. The focus of the version is a new evaluation of the advanced Pedestrian Legform Impactor (aPLI). This test specimen is used for pedestrian protection tests and simulates the human leg. A new evaluation package in accordance with ISO/TS 20458:2023 was developed for this purpose. In addition, adjustments have been made to meet further developed standards and norms.

Version 8.6 of the evaluation software for passive safety tests X-Crash was released in December last year. With the current release of X-Crash ATD, both programs are now back to the same version. The professional certification of dummies and the evaluation of the resulting test data is an essential part of standard-compliant vehicle safety testing. X-Crash ATD supports all required test specimens and dummies of European and international standards and regulations.

“It is important for us to accompany the entire process of vehicle safety testing with our evaluations. New evaluations continue to be recorded, particularly in the area of active safety, and we are therefore challenged with the further development of X-Zero. But there is also a lot happening in the area of passive safety, especially in pedestrian protection. Our work consists not only of adapting and maintaining existing evaluations, but we are also tackling completely new topics.”, says Klaas Ebel, Head of Vehicle Safety at measX.

X-Crash ATD 8.6 has already been distributed to customers with a maintenance contract. The release notes contain further information on enhancements and adjustments in this version.

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Figure 1 Thorax Certification of a Crash Test Dummy

About measX:

measX is a recognized specialist for test bench technology and test data management. For more than 40 years, the company has been developing, manufacturing and distributing customized test systems for research, development and production. Well-known companies from the automotive, mechanical engineering, chemical and other industries rely on the technological competence and expertise of measX.

The focus in the test bench technology competence area is on automated measuring and testing systems, modernization, in-house connection technology and specialized measuring devices in small series.

In the test data management competence area, measX realizes data management applications and evaluation systems that help customers to make comprehensive use of the test data obtained. The specially developed evaluation software X-Frame can be used universally and is open to customer-specific adaptations.

One special area is evaluation software for vehicle safety: the X-Crash, X-Zero, X-Crash ATD and X-Pedpro programs enable the evaluation of active and passive safety tests as well as the certification of dummies and impactors in accordance with internationally applicable regulations. X-Crash for passive vehicle safety tests has been a binding Euro NCAP standard since 2011. The MOSES software specializes in vehicle dynamics tests.

At the company locations in Moenchengladbach and Aachen, more than 60 employees work for customers in Germany, Europe and beyond.

measX is a long-standing partner of NI (National Instruments, now Emerson) and an active member of committees such as the AMA Fachverband für Sensorik e.V., ASAM e.V., the Arbeitskreis Messdatenverarbeitung Fahrzeugsicherheit (MDVFS) and the ISO Committee Messtechnik. As a partner of universities and colleges, measX sees itself as a bridge builder between research and industry.

More information at: www.measx.com

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