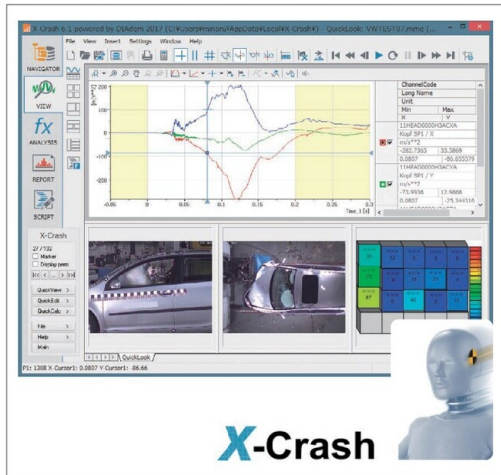


X-Crash

Analysis System for Vehicle Safety Tests



Safety test analysis and report generation compliant with global standards

- Compatible with ISO-MME, ISO-EGV (*.iso), DIAdem formats and VSAS database data
- Compliant with international standards and rules (FMVSS, xMVSS, ADR, TRIAS, ECE, EU) and evaluation programs (IIHS, JNCAP, EuroNCAP, etc.)
- Customizable with functions and powerful macros
- Report layouts can be edited

This system works with global vehicle safety performance tests.

Updates include the latest legal information, leveraging measX (Germany)'s decades of expertise in measurement analysis and vehicle safety, with latest standards through annual leases.

This software supports data in ISO-MME, ISO-EGV, and DIAdem formats.

It is also compatible with DIS-7000 Series and DIS-7200 Series. (Data is saved in ISO-MME format with control software DIS-70A.)

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Measurement System



Traffic
System

Automotive
Test
System

Civil
Engineering
Measuring
System

Test
Equipment &
System

Printout Sample

VW TESTOR VW TESTOR 2004-01-01		Typprüfung 40% ODB re 50km/h Festsetzung: 40% ODB re 50 Euro NCAP		KYOWA	
Criterion	Driver SP 1 (10)	Passenger SP 2 (10)	Worst Points		
Head & Neck	4.000	4.000	4.000		
Head					
HIC 35	190.98	222.83	4.000		
Acceleration Resultant	35.75 g	35.88 g	4.000		
Sms cumulative	35.44 g	37.33 g	4.000		
Neck					
Shear Force Fx	0.02 kN	0.56 kN	4.000		
Shear Force Fy	-0.47 kN	-0.28 kN	4.000		
Tensile Force Fz	0.68 kN	0.67 kN	4.000		
Extension My	-0.74 Nm	-7.34 Nm	4.000		
Chest	3.711	3.449	3.449		
Deflection	-34.02 mm	-25.86 mm	3.449		
VC max	0.11 ms	0.12 ms	4.000		
Diagonal belt upper force			4.000		
Knee, Femur & Pelvis	4.000	4.000	4.000		
Left					
Femur Force Fz	-0.11 kN	-0.82 kN	4.000		
Knee Slider Displacement			4.000		
Right					
Femur Force Fz	-0.58 kN	-0.48 kN	4.000		
Knee Slider Displacement			4.000		
Thigh	4.000	3.220	3.220		
Left					
Compression Upper Fz	-1.42 kN	-2.71 kN	3.527		
Compression Lower Fz	-1.64 kN	-3.17 kN	3.220		
Tibia Index Upper	0.33	0.39	4.000		
Tibia Index Lower	0.22	0.32	4.000		
Right					
Compression Upper Fz	-1.40 kN	-1.63 kN	4.000		
Compression Lower Fz	-1.91 kN	-1.59 kN	4.000		
Tibia Index Upper	0.32	0.51	3.511		
Tibia Index Lower	0.23	0.46	3.733		
Sum	15.711	14.069	14.659		
		Rating without modifiers Points 4.000 2.670 - 3.999 1.330 - 2.669 0.001 - 1.329 0.000			
Vehicle: 1 Crash test: 0.0 km/h 180 kg Driver Left		Results Occupants Front Vehicle 1		Laboratory: Volkswagen Contact: Peter Deussen-Hogner Customer: Volkswagen AG	

Lineup

● Software

Analysis System for Vehicle Safety Tests X-Crash

● Option Software

Software for crash test dummy certification tests

X-Crash ATD

Software for active safety evaluation X-Zero

* The license includes the DIAdem base license as standard.
(DIAdem cannot be used on its own, since it is a dedicated license for X-Crash)

X-Crash Manufacturer

measX
Measurement System Experts