

# MoveInspect DPS

used for sled and crash tests



## HARDWARE

Camera	MoveInspect measuring head with 3 high resolution cameras
Resolution	5.0 megapixels
Lens	High performance lens, f = 8.0 mm, minimal distortion
Data Transmission	TCP/IP
Flash	IR-LED ringflash
Controlling Computer	Notebook
Operating System	Microsoft® Windows® 7 or higher, 64bit
Accessories	Active probe, calibration scale bar, interchangeable probe tips, dummy adapters, wheeled tripod

## SOFTWARE

Driver software	MoveInspect HF   HR
Control software	AICON 3D Studio with DPS
Automatic on the job calibration	Yes
Generation of templates for measuring plans	Yes
Transformation into vehicle coordinate system	Yes
Automatic referencing	Yes
Deformation analysis	Yes
Interface to external analysis software	Yes
Interface to external data bases	Yes

## SYSTEM PARAMETERS

Length measuring accuracy	$\pm 0.1\text{mm} + 0.15\text{mm/m}$ of distance to measuring head
Measuring volume	Up to 3m x 3m at max. 3.5m distance to measuring head
Max. measurement frequency	5 Hz