

Moving barrier for frontal oblique impact tests with a 35 % overlap according to NHTSA test protocol.

- Integrated hydraulic brake system – battery operation without trailing cable
- Camera stand always included
- Individually calibrated center of gravity
- Excellent directional stability



### TECHNICAL SPECIFICATIONS

<b>Moving Barrier</b>	
Weight (with deformation element and camera stand)	2490 ± 30 kg
Dimensions (L x W x H) (without deformation element and camera stand)	3,986 mm x 2,305 mm x 1,211 mm
Height (with camera stand)	1,786 mm
Dimensions front plate (W x H)	2,200 mm x 1,100 mm
Front plate clearance height	82,5 ± 2,5 mm
Center of gravity	X-axis: 915 ± 30 mm behind front axle Y-axis: 0 ± 10 mm left of centerline
Max. test speed	90 km/h
<b>Hydraulic Vehicle Brake</b>	
Brake system type	Hydraulic disc brake on each wheel
Operating pressure	130 bar
Dimensions (L x W x H)	177 mm x 170 mm x 137 mm
Mounting grid	150 mm x 105 mm (M12)
Weight	6 kg
Shockproof	1,000 G
Power supply	24 VDC, 1.5 A
Battery capacity	1,800 mAh, 12 VDC (NiMH)
Battery operating temperature	0...45°C
Hydraulic connection	Minimess
Brake fluid	DOT 4

- Scope of supply**
- Moving barrier NHTSA OMDB
  - Camera stand
  - Cable support tube for trailing cable
  - Hydraulic vehicle brake
  - Hand pump for hydraulic vehicle brake
- Options**
- Barrier restrainer
  - Trailing cable system
  - Deformation elements
  - Radio-control system for hydraulic vehicle brake