

Moving barrier for side impact tests according to AE-MDB test protocol.

- Convertible to moving barrier MPDB for EuroNCAP 2020 tests and moving barrier C-NCAP
- Integrated brake system for emergency braking and second impact avoidance
- Camera stand always included
- Individually calibrated center of gravity
- Excellent directional stability



TECHNICAL SPECIFICATIONS

Moving Barrier	
Weight (with deformation element and camera stand)	1,400 ± 20 kg
Dimensions (L x W x H) (without deformation element and camera stand)	3,885 mm x 1,800 mm x 831 mm
Height (with camera stand)	1,631 mm
Dimensions front plate (W x H)	1,700 mm x 500 mm
Front shield clearance height	225 mm
Center of gravity	X-axis: 1,000 ± 30 mm behind front axle Y-axis: 0 ± 10 mm left of centerline Z-axis: 500 ± 30 mm above ground level
Max. test speed	50 km/h
Brake System	
Brake system type	Hydro pneumatic disc brake on each wheel
Air operating pressure	6...7 bar
Switching voltage	24 VDC

Scope of supply

- Moving barrier AE-MDB
- Hydro pneumatic brake system
- Camera stand
- Cable support tube for trailing cable

Options

- Trailing cable system
- Hydraulic vehicle brake (radio-controlled)
- Moving barrier MPDB (Euro NCAP 2020) and moving barrier C-NCAP conversion kits
- Deformation elements