

Crash-Cart

Artikel Nr. SW/ECE-095-01-001

according ECE R95, 96/27/EG and Euro NCAP

The crash - cart is used to carry out tests according to ECE-R95, 96/27/EG and Euro NCAP. Thereby, the crash - cart impacts onto the vehicle with a speed of 50 km/h collateral under 90°.



	ECE R95	Calibrated center of gravity
length overall	3940 mm	Sx: 1000 ± 30 mm rearward of the front axle
width overall / angle	1700 mm	Sy: 0 ± 10 mm beside the lateral centerline
height overall	835 mm	Sz: 500 ± 30 mm above the ground
wheel Base / angle	3000 mm	
tire tread width / angle	1500 mm	
test weight	950 ± 20 kg	

Flange face at the center of gravity to accommodate an acceleration sensor. Aluminum front shield with spindle height adjustment facility, including T-slots to secure the deformation element. Ventilation grid for „Advanced 2000“ deformation element (surface galvanized). Welded frame construction made of special profile steel tubing (painted surface finish). Threaded holes on the top and underside of frame to secure calibration weights. Pneumatic emergency braking system acting on all wheels. Activation by button (manually, electrically), activation by environment-emergency-stop or activation by trigger-event (impact, gravity-contact). Retainer for drag gear as specified by the customer. Optional: camera frame made of aluminum, deformation element (honeycomp).

The products shown here comprise additional or special requests by customers that are not within the basic scope of supply. We reserve the right to carry out modifications and improvements at any time without prior notice. The information presented here may be subject to errors.

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