

The EPTa and EPTc reproduce the size, shape, and sensor signature of a pedestrian as well as his leg movements. Available as 50% adult male and 7-year-old child.

- Euro NCAP certified
- Realistic response for Radar-, Lidar-, Camera-, and IR-Systems
- Articulated legs with realistic Micro-Doppler Effect
- Lightweight and soft structure
- Collision-proof design – Crash speed up to 60 km/h
- High stability when standing and moving without additional support
- Compatible with all common target carrier systems
- Easy operation, intuitive control via a web application
- Selectable movement speed of 3, 5 and 8 km/h for adult target
- Quick and easy reassembly after a crash test
- Activation of movement triggered by IMU sensor



TECHNICAL SPECIFICATIONS

General		
Crash speed	up to 60 km/h	
Regulations	ISO 19206-2, Euro NCAP, ISO 19237, ISO CD 22737, NHTSA, CNCAP, JNCAP, ACEA v. 2.0, Asian NCAP	
Radio connection	WLAN (stable connection, range up to 50 m)	
Frequency band	2.4 GHz	
Interface to Target Carrier System	Plate on holding rod according to ISO 19206-2:2018	
	EPTa (50% adult male)	EPTc (7-year-old child)
Operation speed		
Walking	3 km/h	–
Jogging	5 km/h	5 km/h
Running	8 km/h	–
Mass	6.6 kg	3.0 kg
Body height	1,800 ± 20 mm	1,154 ± 20 mm
Shoulder width	500 ± 20 mm	298 ± 20 mm
Torso depth	235 ± 10 mm	139 ± 10 mm
Torso angle	85 ± 2°	78 ± 2°

More information: ➔ *Euro NCAP Pedestrian Targets*

- Scope of supply**
- Upper body with supporting structure
 - Left and right leg with drive unit
 - 2x Battery chargers

- Additional required equipment**
- Target Carrier Interface
 - Target Carrier System

- Spare parts**
- Pair of legs with drive unit
 - Left leg with drive unit
 - Right leg with drive unit
 - Left leg without drive unit
 - Right leg without drive unit
 - Left drive unit
 - Right drive unit
 - Spare set of clothes
 - Battery charger
 - Rechargeable batteries
 - ISO plate