



I N P H Y S I C S W E T R U S T

## 4activeMC

### The approved PTW target for planned Euro NCAP 2023

- ✓ corresponding to category L3 as applied by UNECE
- ✓ realistic properties in size, shape and rotational features
- ✓ complies with ISO 19206-5 WD, Euro NCAP, ...

### Allows testing under rough conditions

- ✓ extremely light and soft structure to prevent damage on VUT
- ✓ robust and modular system – easy and fast change of spare parts
- ✓ realistic response for Radar-, Lidar, Camera and IR-Systems

### Available options

- ✓ different models (scooter, ...)
- ✓ different optical appearance and colours
- ✓ synchronized movement features



# 4activeMC

## Performance

mono/ stereo camera system, Lidar sensors	✓
360° - Radar characteristic	✓
micro-Doppler spread	✓
near infrared / far infrared★	✓
crash speed lateral / longitudinal	up to 60 km/h / up to 50 + 20 km/h
operation speed	80 km/h

★ optional

## Dimensions motorbike

seat height	820 mm
wheel base	1420 mm
total width	750 mm
wheel diameter	17"
weight	< 11 kg

## Dimensions biker

height (body)	1800 mm ± 20
width (shoulder)	500 mm ± 20
depth (torso)	235 mm ± 20
weight	< 4 kg

## Key features

- ✓ compatible with 4activeFB-small, 4activeXB
- ✓ extremely light and soft structure
- ✓ robust and modular system
- ✓ synchronized movement features
- ✓ simulat rotating wheels

