

Target in the shape of a young woman (P50 median female) designed for the testing of autonomous vehicle sensors and software to increase the safety of Vulnerable Road Users (VRU).

- Realistic sensor response for radar, camera, lidar, ultrasound and IR
- Interface according to ISO19206 – testing with common platforms possible
- Durable design – impactable without causing significant damage to the VUT
- Fast setup, easy to use
- Extreme lightweight
- Soft structure



| Segment | Dimensions [mm] | Tolerance |
|--|-----------------|-----------|
| Body height (excl. scooter, incl. shoes) | 1660 | ± 20 |
| Body height (incl. scooter) | 1800 | ± 20 |
| Hip point height | 860 | ± 20 |
| Shoulder width | 415 | ± 20 |
| Shoulder height | 1380 | ± 20 |
| Head width | 168 | ± 10 |
| Head height | 240 | ± 10 |
| Torso depth | 187 | ± 10 |
| Scooter length | 1050 | ± 20 |
| Scooter width | 160 | ± 10 |
| Scooter handlebar height | 1120 | ± 20 |
| Scooter handlebar width | 390 | ± 20 |

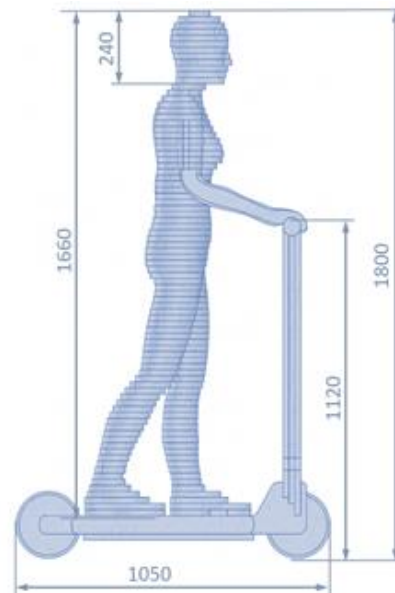


Figure 1: Dimensions according to average body height (P50 Median) of 16-18-year-old girls (Robert Koch Institute, 2013) and the average adult female body height (Federal Statistical Office, 2017)

TECHNICAL SPECIFICATIONS

| | |
|---------------|--|
| Weight | 5.64 kg |
| Colors | Low contrast gray and black Customized colors available on demand |
| Interface | ISO19206 |
| Options | Robust low profile static platform for static VRU tests |
| Compatibility | NCAP belt-system ABD Launchpad Mini Humanetics UFO nano MESSRING 6D Mover |