

ASTERO

Active Safety Test Robot

ASTERO is a target designed for the validation of autonomous vehicle sensors and software with a focus on pedestrian emergency brake systems. ASTERO enables accurate validation of ADAS sensor systems and associated pedestrian detection software.



VRU TEST SYSTEMS

Articulated Pedestrian Targets



ASTERO – Active Safety Test Robot

- Mimics walking, jogging and running pedestrians
- Realistic and reproducible arm and leg movement through pneumatic muscles
- Feet touching the ground
- Articulated head, hips, lower legs, shoulders, lower arms
- Realistic sensor response for radar, camera, lidar, ultrasound and IR
- Durable design for low-speed impacts
- Fast setup, easy to use
- Compatible with all common motion platforms



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