EURO NCAP
AD HIGHWAY ASSIST SYSTEMS, TEST & ASSESSMENT PROTOCOL

Test Scenario Overview

ADAPTIVE CRUISE CONTROL PERFORMANCE (ACC) CAR-TO-CAR	VEHICLE UNDER TEST (VUT)	GLOBAL VEHICLE TARGET (GVT)	HUMANETICS UFO USABILITY	HUMANETICS DRIVING ROBOT USABILITY
CAR-TO-CAR REAR MOVING (CCRm) – Moving Target	80-130 km/h / 80-130 km/h	20 km/h / 20 km/h	✓ Lateral Synchronization Mode Recommended	Not Required
CAR-TO-CAR REAR BRAKING (CCRb) – Breaking target – ACC-mode closed	55 km/h	50 km/h	✓ Full Synchronization Mode Recommended	Not Required
CUT-IN TEST – Cut in at TTC = 0.00 – Cut in at TTC = 1.50	50 km/h / 120 km/h	10 km/h / 70 km/h	✓ Longitudinal Synchronization Mode Recommended	Not Required
CUT-OUT TEST – Cut out at TTC = 3.00 – Cut out at TTC = 3.00	70 km/h / 90 km/h	0 km/h / 0 km/h	Not Required	✓ To Control the Lead Vehicle Longitudinal Synchronization Mode Recommended
DRIVING COLLABORATION	**VEHICLE UNDER TEST (VUT)**	**GLOBAL VEHICLE TARGET (GVT)**	**HUMANETICS UFO USABILITY**	**HUMANETICS DRIVING ROBOT USABILITY**
POTHOLE TEST	72 km/h		Not Required	✓ For Steering Input and Torque Measurement

*Available with the latest software version.

HUMANETICS