For over 65 years, Humanetics has been dedicated to continuous growth in occupant safety testing and measurement for the advancement of safer vehicles, and will continue to do so through outstanding customer focus and innovative designs to ultimately make the world safer by saving lives.

To further support customers with Advanced Driver Assistance Systems (ADAS) testing, we now offer a complete, one-stop solution for Euro NCAP ADAS test protocols.

The customer-oriented Euro NCAP ADAS Suite will consist of the necessary hardware, as well as correlating software to complete your ADAS testing needs with ease.

This comprehensive prepackaged solution is intended to simplify and streamline your future ADAS test procedures while saving time and cost. The Euro NCAP designated Suite includes the Ultra Flat Overrunable (UFO) robot platform, the complementary self-driving robot, and the AVL assessment tool.

Humanetics is committed to further improve efficiency, safety and your overall experience with us. If you would like to find out more about the Euro NCAP ADAS Suite, please contact your local sales representative.
NCAP Test Data Management, Scoring and Reporting by AVL

The NCAP and Homologation active safety test series is quickly expanding its scope of application, due to the growing number of ADAS functions available in new vehicles. As a consequence, an increasing number and complex scenarios has to be tested on the proving ground, which causes a high effort for test organizations. AVL has developed a holistic and open toolchain to support NCAP Proving Ground Testing Workflow to master test data quantity and complexity. The AVL NCAP tool supports developers and test operators during Test Preparation, Test Execution, Post Processing and Reporting. AVL’s industry prove smart mobile solution serves as platform and allows immediate in-vehicle result calculation.

**Offline Test Preparation** is supported by a pre-defined data-set for all NCAP related scenarios, test plans and performance indicators. Scenario selection, such as Autonomous Emergency Braking (AEB) and Lane Keeping Assist (LKA) for EuroNCAP 2018/19, target selection, proving ground specifications and test data mapping is assembled by a few clicks into complete test plans.

Efficient Test Execution is achieved by automatic test data import and evaluated which immediately inform the test operator about test boundary violations, test validity and test scoring. Extensive test data analysis and visualisation is executed in real-time without any manual post-processing.

Standardized Test Reports together with overall rating for full maneuvers catalogue can be generated automatically or manually after successful proving ground test execution. The AVL NCAP tool already implements pre-defined and standardized set of NCAP report templates which also can be adapted according to customer requirements.

Your Value:

- **Efficient** - Designed for fast testing, evaluation and reporting
- **Consistent** - Same functions and workflow for all proving ground tests
- **Flexible** - Definition of custom KPI’s, evaluation and reporting
- **Open** – Support for a wide range of file formats and device interfaces
- **Future-Proof** - Prepared for future test scenarios and virtualisation

FOR FURTHER INFORMATION PLEASE VISIT:
wwwavl.com

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