



OsCAR advanced EOL test platform for vehicle seats



- for use in development, test and serial production
- modular & scalable EOL test platform
- customer specific configurable
- intuitive operating concept
- high test coverage
- mechanic & electrical functional test
- acoustic test / impact sound measurement
- pneumatic test / leakage test
- optical test / contour measurement
- discomfort test
- IP Code 54 (International Protection Standard)
- fast and safe 100 % test of all the seat functions
- different seating classes combinable in one production line



Features

- one test system for all seat types
- independent, parallel testing of two seats– double tester
- free configurable test and parameter manager
- external IP54 protected Signal Allocation Unit (SAU) for customer specific test configuration
- central test programs and user management
- self-test and calibration using self test box/Red Rabbit

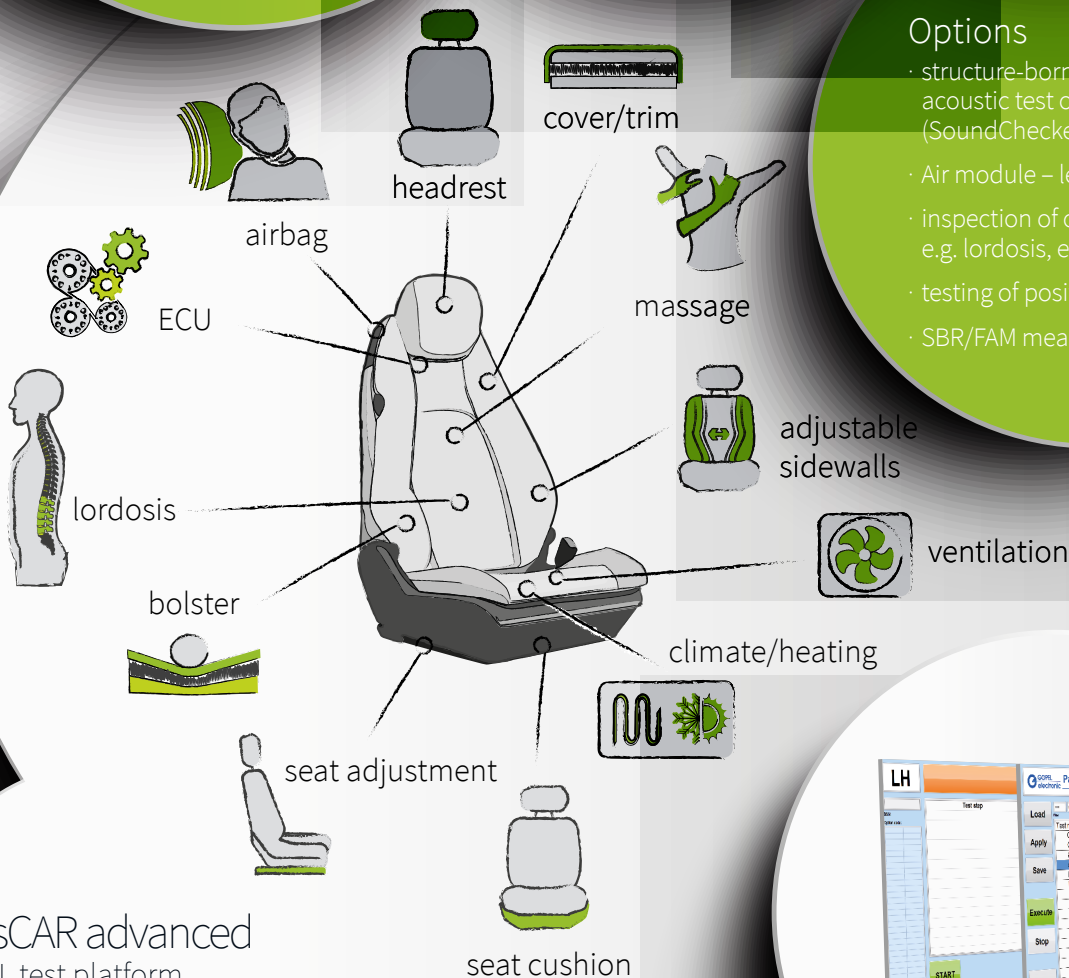
Inspection Characteristics

- measurement of all electrical parameters (resistance, current, voltage)
- crossover test on partial and short-circuits between wires and seat mass (Short to Ground Test)
- test seat occupancy recognition (Body Sense/ CIS/ SBR/SBE/PODS)

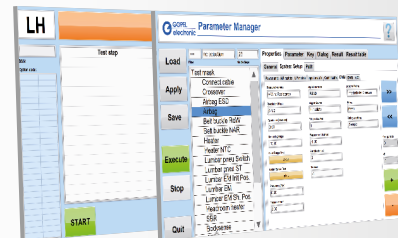
- ECU testing via CAN, LIN or K-Line (DataZ download coding/parameterization, standardization, adaption, quiescent current measurement)
- pneumatic test (pressure and flow measurement, leakage measurement)
- optical inspection, contour measurement, 3D measurement (LaRS)

Options

- structure-borne sound analysis - acoustic test of various fault patterns (SoundChecker™)
- Air module – leakage test for seats
- inspection of optical characteristics – e.g. lordosis, equipment features
- testing of position for dispatch
- SBR/FAM measurement



Oscar advanced
EOL test platform
for vehicle seats



Oscar Interface
System Software with
Touch User Interface

Made in Germany