CUBUS Program: Seatbelt Anchorage Test

The Cubus Seatbelt Anchorage Test allows the anchorage points to be tested for road safety as required by legislation as well as allowing an extra load case and window for development. Seat displacement data can be used to calculate maximum x and y diusplacement. Extensive graphical analysis and reporting is also provided.

Features Include:

- Test project oriented save and restore tests, results and acquired data to disk

- Control for typically 6 or 9 actuators

- Testing in accordance with international European, USA and Australian standards

- Includes in-house overload test capability

- Includes facility for seat inertia calculations

- Load targets and achieved feedbacks displayed on real time bar graph

- Two ramps including main and optional final with programmable windows

- Test is paused after pre-ramp and optionally between two main ramps

- Automatic reset of timer if any channel falls below target

- All measurement channels are acquired to file for post test display

- Test report includes table and graph of test results and targets

- PID and Limits saved with the test project

- Acquired test data can be plotted or exported, indicating achievement of targets

- Calculation and analysis of seat anchorage point X and Z displacement for up to 3 seats