

BISS SP-00-810 Four poster test rig is designed to test durability of most cars. A fully self-contained test rig combined with multi channel control system and user friendly application software simulate real time effects and perform durability, performance or vibration testing in a controlled laboratory environment.



Standard Features

- Fully self-contained rig
- Track and wheel based adjustment
- Multi-channel data acquisition for measuring road-load data of various parameters like displacement, strain, velocity, acceleration, load etc. at desired locations on the test object
- Multi-channel controller for control of four actuators at 4+ kHz loop update
- Advanced data analysis software to capture significant part of the measured time histories of the road-load data and infer the quality, performance and durability of the test specimen from the measured responses in the laboratory
- No cooling required
- Just Plug – n - Play

Applications

- Assembly line Squeak & Rattle testing
- R & D testing for handling and ride comfort
- Remote parameter control
- Road simulation based on deterministic road obstacles, PSD of road profiles of different grades
- Sub-structuring

Test Results



