

HEAD RESTRAINT ENERGY DISSIPATION TEST SYSTEM

Head Restraint Energy Dissipation Test System is designed to perform energy absorption test with respect to the regulation 74/408/EEC, head restraint (front & rear) and seat back testing.

Both seat back and head restraint tests can be performed and also different R&D test can be examined with its special free-fall impactor design.



ENERGY ABSORPTION TESTING

ACCORDING TO THE REGULATION
74/408/EEC

SYSTEM FEATURES

- 74/408/EEC head restraint (front & rear) and seat back testing
- Special free fall design to fulfill the EC regulations
- Modular design
- Easy to adapt to different dimensions and R&D testing requirements
- Adjustable height for different test speeds
- Automated regulation test and reporting

CONTROLLER & SOFTWARE

- 19" rack cabinet chassis (customizable)
- Input / output channel number configured with respect to the customer needs: digital, analog, communication, counter etc.
- Configurable for different applications such as using pneumatic and hydraulic actuator, electromechanical and electric motor systems
- Sensor calibration menu
- Warning and alarm definitions
- Drag & drop feature on user interface
- Automatic test with configurable test steps
- Test scenarios via test file
- Automatic test reports in .xls, .doc and .pdf file formats



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