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

TAILORED FOR EXCELLENCE