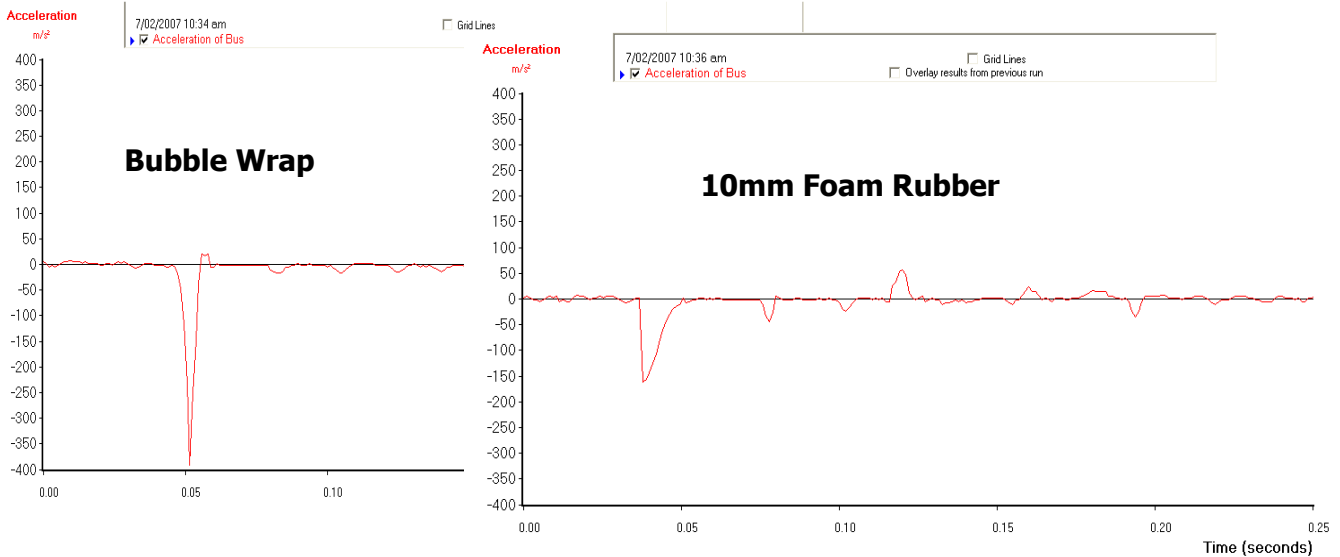


Fast Scanner Experiment Triggering Method

Fast Scanner experiments (such as 'Seat Belts and Crumple Zones', 'Current in a lamp filament' and 'Voltage induced in a coil') now have auto software triggering. The computer can monitor the signal and start recording when a change in the signal level is detected.

The default option is set in Edit Preferences, 'Fast Scanner Options'. You may also change the triggering method on the Connections screen before you start the experiment.

Acceleration results for Seat Belts and Crumple Zones



Driver Reaction Tester \$485 (+GST)

Cat. No. DR101



Connects directly to computer USB port*

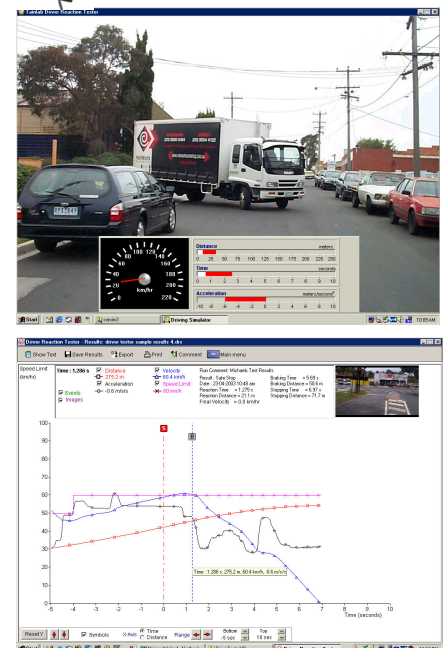


The Tainlab Driver Reaction Tester comprises an adjustable chair with accelerator, clutch and brake pedals.

Measure driver reaction time and explore reaction time, speed and acceleration in the context of a driving situation, represented by a random sequence of images displayed on the computer.

'Test Sequence' includes...

- Adjust speed according to conditions and speed limit.
- When required to stop use the brake pedal to control deceleration.
- Computer calculates reaction time, stopping time, braking distance.
- View a graph of distance, velocity and acceleration during braking.
- Plot results against time or against distance
- Move the graph pointer to show results at any point. Markers on the graph show the time when required to stop and the reaction time.
- Demonstrate the effect of changes in vehicle load, condition of brakes and road conditions on braking distance.



*Requires Microsoft Windows XP or 2000.