



EDITORIAL

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298TR ShockLog with Tilt & Roll Functionality

The 298TR ShockLog from **Lamerholm** combines advanced tri-axel piezo electric accelerometer technology with the latest in MEMS electronic accelerometers in a single unit, offering users a complete "Motion" monitoring instrumentation solution.

By combining these technologies into a single unit the 298TR ShockLog provides users with details of all physical motion experienced in a given storage period or transportation journey, measuring Shock (impacts), Vibration, Tilt and Roll (sway).

The 298TR has been designed to monitor shock and vibrations based on acceleration or velocity measurements and tilt and roll in degrees of angle (+/- 180 degrees). It incorporates all of the features of a standard 298 ShockLog while adding the additional benefit of measuring the tilt and roll motion throughout the journey.

Tilt and roll sensors extend the monitoring capabilities to include the tilt (front-to-back) and roll ('Sway', left-to-right) movement of an object being monitored. The 298TR ShockLog records the data within the timeslot memory as the highest angle of movement both + and - during any given time period as well as being able to identify full 180 degree turnovers of a product.

From within the comprehensive Windows® based software programme, users are able to view the angle of motion in the timeslot graphs, zooming into specific problem areas to identify problematic periods within a journey or storage period.

KEY BENEFITS

- Provides a visible deterrent to incorrect operation and handling
- Decreases costs related to damage incurred during operation, shipping, handling and storage
- Helps identify optimal modes of transportation, route, packaging, storage options, and operational conditions through full-journey and motion profiling
- Isolates when and where unacceptable conditions occur and identifies accountable parties
- Highlights potential areas for improvement in operational, shipping and handling processes
- Pinpoints potential areas for improvements in operational or shipping and handling processes
- Confirms acceptable conditions during equipment operation, shipping and handling and storage
- Increases customer satisfaction and provides a visible marketing edge

For specifications or more information on our range of shock and vibration loggers, contact **Warsash Scientific** on +61 2 9319 0122 or sales@warsash.com.au.

