

# Shocklog™ RD 298 features

# SHOCKLOG

Shock and Environmental Recorders

- Tri-axial accelerometer measurement
- Internal temperature sensor
- Optional external temperature humidity and pressure module
- Non-volatile memory stores 500 day history
- Detailed record of up to 400 events
- Records time and amplitude of 128 most recent events
- Time slot recording of shock, temperature, humidity and pressure
- User-programmable warning and alarm thresholds
- LED indicators for warning and alarm status
- Tamperproof construction with factory and user passwords
- Low cost alkaline or standard C size lithium battery - 12 months life
- IP67 sealed and RF screened
- Fully re-programmable

## RD 317 Micro Shocklog™ features

- Tri-axial accelerometer measurement
- Small, compact and lightweight
- iButton interface - eliminating the need for a PC in the field
- Humidity sensor option
- Records first and next nine most significant events in detail
- Records time and amplitude of 128 most recent events
- Time slot recording for complete shock, temperature and humidity history
- Programmable alarm limits on all measurable parameters
- LED indication of alarm status
- Low cost alkaline or standard AA size lithium battery - 6 months life
- IP67 sealed and RF screened
- Full password protection

Whether it's safeguarding consumables, delicate electronic equipment, works of art, hazardous chemicals or munitions Shocklog is a vital part of any consignment.

To discover how it can help you deliver increased profits, whatever your consignment, please call **01438 728844** to arrange a consultation.

Shocklog™ is one of the many shock and environmental monitoring products produced and distributed by Lamerholm Fleming. To view details of our full range please visit our

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Data intelligence



**Consign product damage costs  
to history**



# Get to the causes of damage to turn losses into profits



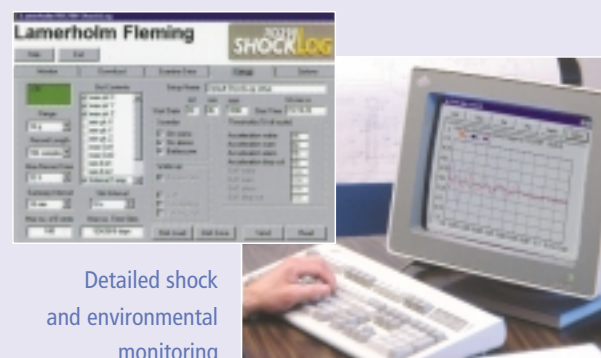
[ Shocklog™ RD 298 ]

## Deliver increased profits

With the Shocklog range of electronic tri-axial shock and environmental recorders you can reduce or eliminate the cost of product damage caused by mishandling, inappropriate storage and transportation mishaps.

Because of their compact and self-contained design they can be fitted directly to your product or packaging to record the shock and environmental conditions across an individual journey or a storage period of up to nine months.

This vital data will allow you to identify the causes of damage so that you can plan the most effective action to reduce or eliminate future losses - allowing the benefits to be felt on your bottom line.



Detailed shock and environmental monitoring

## Record the causes of damage

Supported by a comprehensive Windows® based data storage and analysis program, Shocklog™ is user-programmable for each journey, recording the specific date and time, duration and size of up to 400 impact events.

For timely notification of potential damage, case-mounted LEDs indicate when levels of shock exceed the preset limits, saving expensive delays for repair and installation.

To complete the picture of possible causes of damage, the RD 298 can record temperature through the built-in temperature sensor and by using the optional HPT module; external temperature, humidity and pressure. With a clear record of when damage occurred, the information provided is also invaluable for arbitration cases - as 'incontestable' evidence of responsibility.



Compact, self-contained design



[ RD 317  
Micro Shocklog™ ]

[ iButtons ]

## Aid packaging development

The RD 298 can help with the design of effective packaging for your product.

By accurately recording the individual horizontal, vertical and lateral axis of each impact, you can make optimum use of increasingly expensive packaging materials.

In addition, when used in conjunction with effective and relevant management, the RD 298 can form part of a comprehensive damage prevention programme.

## Essential for routine monitoring

Having established the causes of damage to your product and taken the necessary remedial action; for regular shipment monitoring you can ensure future compliance with the RD 317 Micro Shocklog™. Smaller, lighter - but no less effective - the Micro can measure and record in detail (above user-definable limits) up to a maximum of 10 shock events, internal temperature

and, through an optional external sensor; humidity. LEDs provide immediate indication if levels exceed the preset limits.

Programming of the RD 317 and subsequent data retrieval can be carried out quickly and efficiently through the use of innovative iButton technology, which, by removing the need for a localised laptop or PC, simplifies management of the monitoring process.

## Ensure a damage-free delivery

Above all, the sheer presence of the Micro on your consignment will act as a valuable deterrent and reminder of the handling standards required for a damage-free delivery - every time.



Easily attaches to your product