

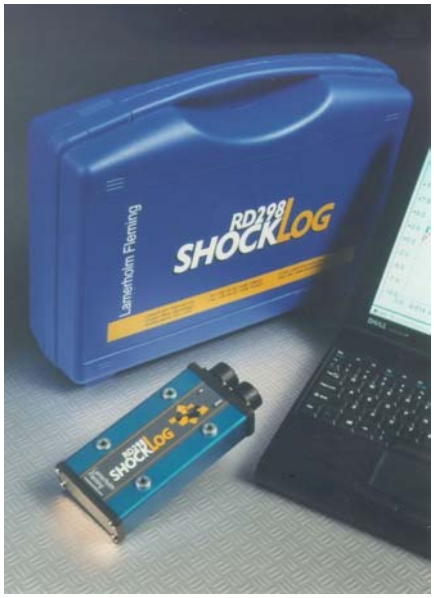
RD298 ShockLog ™ Recorder

The RD298 ShockLog™ recorder is a programmable, re-useable electronic, tri-axial shock, vibration and environmental recorder designed specifically to help organisations to reduce the cost of damage to goods whether in production, transit or storage.



A battery life of up to 12 months allows you to understand the entire supply chain life of your product and the conditions it experiences. More importantly it tells you when incorrect physical handling, poor quality packaging or inappropriate temperature and humidity control will have damaged the quality of your product, your reputation and your cash flow.

The comprehensive Windows™ based software programme allows you to programme your own wake up, warning and alarm levels and frequency of data collection. When a programmed impact level is exceeded a visual alarm will alert you as well as storing the data for future analysis.



RD298 provides you with:

- The when, where and how

Real time date stamping identifies when a shock has occurred. When combined with the direction of impact, a clear understanding of the likely damaging event emerges allowing effective remedial action to be taken

- Detailed arbitration evidence

The RD298 is vital for determining at what point during a journey damage may have occurred. The information provided is clear, accurate and measurable, making it invaluable as an arbitration tool for apportioning responsibility for damage.

- A visible deterrent

The sheer presence of the RD298 acts as a visual indication that your products are being monitored. By involving your staff, carriers and customers in the monitoring programme, inappropriate handling or storage can be minimised.

- A means to audit carrier and routing efficiency

The RD298's sophisticated monitoring capability helps to analyse the cause of persistent damage in transit. Damage that could be avoided by a simple change of, route, handling procedure or even carrier.

- An aid to intelligent packaging design

Damage can be caused by many different factors according to the transportation method used. The RD298's detailed record of movement, vibration, temperature, humidity and pressure can identify how damage has occurred and help with the development of the most appropriate and cost effective packaging solution.

- Reduced administration and field service costs

Effective and timely identification of likely damage reduces the time spent on site by your service and installation teams thereby allowing them to concentrate on revenue generating activities and improving your cash flow.

Tel: +44(0) 1462 481396 Fax: +44(0) 1462 473942 Lamerholm Electronics Ltd. www.shocklog.com sales@shocklog.com

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- Rapid identification of staff training needs

Routine analysis of the data collected by the RD298, will identify potentially damaging handling or storage situations before they become critical, allowing you to act accordingly.

- An extension to your quality image

Your in house or ISO quality programme can now extend beyond your despatch bay, whilst providing clear evidence to your customer of the care and commitment you have to them



RD298 Starter Kit

Whether it's safe guarding temperature sensitive foodstuffs, delicate electronics, priceless works of art or other valuable consignments, our range of shock and environmental monitoring products should be a vital part of your consignment.

RD298 ShockLog ™ Recorder with optional HPT sensor (Humidity, Pressure & Temperature)



Technical Specification

(See Technical data sheet for additional information)

Size:		180 x 84 x 42mm
Weight:		0.7kg
Battery Options:	Lithium	1 x 3.6V lithium thionyl chloride
	Alkaline	1 x 1.5V size C MN 1400 or equivalent
Case Material:		Aluminium IP67 rating
Operating	Standard	-20 to +70 °C
Temperature Range:	Extended Temp.	-40 to +85 °C (Special Order)
User selectable operating ranges:	Acceleration	1, 3, 10, 30 & 100g
	Velocity	1, 3, 10, 30 & 100cm/s
Wake up threshold (%of range):		5 - 95%
Warning and alarm threshold (% of range):		5 - 95%
Wake up time		1.5 mS

Optional External Humidity, Pressure and Temperature Sensor

Humidity measuring range:	0 - 100 % RH
Pressure measuring range:	0 - 1.1 Bar
Temperature measuring range:	-40 to +85 °C

About Lamerholm Electronics Ltd.

Lamerholm Electronics, develops, manufactures and markets a broad range of shock, environmental, temperature monitoring and damage prevention products. The companies' worldwide distribution network is coordinated from the UK base, at:

The Pixmore Centre
Pixmore Avenue
Letchworth
Herts, SG6 1JG

Tel: +44 (0) 1462 481396
Fax: +44 (0) 1462 473942
Email: sales@shocklog.com
Web: www.shocklog.com

Your ShockLog Representative:

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