

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

INLEC.COM

DATASHEET



Nationwide Low Call
0333 6000 600

WHY BUY
WHEN YOU CAN HIRE

N2013



Diligence EV Temperature and Humidity Logger with LCD Display
Diligence EV temperature and humidity data loggers: compact, durable, lightweight and designed for use in many applications including the food, pharmaceutical and chemical industries and the monitoring of medicines and other sensitive materials in transit or storage. The loggers are also ideal for building services, scientific experiments, production processes and heating, ventilating and air conditioning systems.

N2013 features:-

- * LCD display for temperature and humidity readings and alarm indication
- * Internal temperature and external humidity sensors

Measurement ranges:

Temperature -20°C/-4°F to + 60°C/+140°F

Humidity 0 to 97% RH non condensing

All models feature:-

- * Tough, moulded cases, dust and waterproof to IP67 standards
- * Large memory capacity of up to 16, 000 readings
- * Ability to log over multiple periods
- * Compatibility with the versatile and proven Evolution Windows™ software
- * Single, multi-function button
- * LED indicators to show active logging and alarm conditions, plus audible alarm warning
- * Temperature system accuracy, suitable for food industry applications
- * Long battery life
- * Two year warranty

Sensor Type
Temperature

Thermistor

Measurement Range

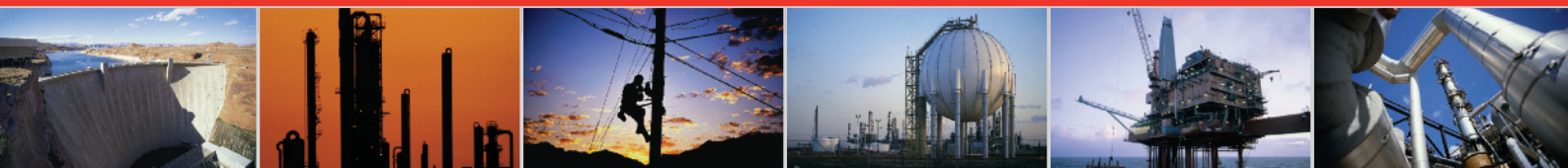
Temperature	-20°C/-4°F to +60°C/+140°F
Humidity	0 to 97% RH non condensing
Scales	°C or °F
Temperature	RH or DP
Humidity	
Display Resolution	0.1°
Temperature	0.1% RH
Humidity	
System Accuracy	
Temperature	
-25°C/-13°F to +50°C/+122°F	±0.5°C/1°F
-40°C/-40°F to +80°C/+176°F	±1°C/2°F
-40°C/-40°F to +150°C/+302°F	±2°C/4°F (typical)
Humidity	
-20°C/-4°F to +60°C/+140°F	±3% RH
Memory 32K	
1 channel	16000 samples
2 channels	8000 samples
Communications	via infra-red interface
Download Time	3 minutes for 10, 000 readings (typical)
Logging Frequency	Programmable between 1 second and 99 hours
Internal Sensor Response Time	T90 =15 to 30 minutes in ambient air
Ambient Storage	-40°C/-40°F to +70°C/+158°F
Logging start	Programmable date and time or manual start from instrument multi-function button
Software	Windows based Evolution software requiring Windows 95, 98 or NT operating systems
Battery	1 x AA size 3.6V replaceable lithium battery, part number A17476
Battery Life	Up to 5 years
Case Material	ABS
Environmental Protection	IP67, EN60529, IEC529

LED Indication

Red = alarm
Green = logger active

Dimensions L 88mm/3.5ins (including fixing lug) W 80mm/3.1ins D 35mm/1.4ins

INLEC, supporting you to deliver a world class service, every day, in every sector ...



OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

Europe's leading Test Equipment Hire Specialist



LAB NO. 0535



Nationwide Low Call **0333 6000 600**
Online: **www.inlec.com**

Inlec UK Ellerbeck Way, Stokesley Business Park, Stokesley N Yorkshire TS9 5JZ United Kingdom



CERT. NO. GB93/1773



Accredited Contractor