



Noise and Vibration Measurement Instruments

Product Guide



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Welcome

This guide is intended to be an overview and introduction to our extensive range of noise and vibration measurement instruments.

For further information, detailed specs, and to discuss any questions about the best instrument for your application, please call **+44 (0) 1723 891 655** or visit **www.cirrusresearch.co.uk**.



The noise activated warning sign



Applications

The table below shows some examples of where the doseBadge Noise Dosimeter, Optimus Sound Level Meters and Invictus can be used.

	doseBadge	Optimus	Invictus
Simple Noise Measurements		✓	
Industrial Hygiene Programs	✓	✓	
Occupational Noise Exposure Monitoring	✓	✓	
Noise Measurement in Hazardous Zones	✓		
Environmental Noise Monitoring		✓	✓
Noise Ordinance		✓	
Selection of Hearing Protection	✓*	✓	
Outdoor Noise Measurements		✓	✓
Vehicle Noise Control		✓	
Construction Noise Monitoring		✓	✓
High Noise Level Warning and Indication			

*The doseBadge⁵ can measure A and C weighted Leq and can be used with the HML method or 1:1 octave bands (optional upgrade).

Please note that this is not an exhaustive list of applications for our products. Some applications may require certain instrument versions and options. Please call **+44 (0) 1723 891 655** with any questions and we'll be happy to discuss your specific requirements.

The Optimus Sound Level Meters are a range of high performance noise measurement instruments that use the very latest technology to provide you with a simple and accurate tool to measure and record noise levels.

Lightweight and comfortable to hold, an Optimus can be used for every application where a sound level meter is required.

All of the parameters in the Optimus are measured simultaneously so there's no risk of choosing the wrong setting or missing any data.

Simple to use with the highest level of performance, there's an Optimus Sound Level Meter waiting for you.



	Optimus Sound Level Meter		
	Yellow	Red	Green
Examples of usage			
Simple Noise Measurements	✓	✓	✓
Industrial Hygiene Programs	✓	✓	✓
Environmental Noise Monitoring			✓
Noise Ordinance	✓	✓	✓
Selection of Hearing Protection		✓	✓
Occupational Noise Exposure Monitoring		✓	✓
Outdoor Noise Measurements			✓
Vehicle Noise Control	✓	✓	✓
Construction Noise Monitoring			✓

The Optimus Family at a Glance

Optimus Yellow Sound Level Meters - CR:150 Series

The Optimus Yellow instruments are designed for simple noise measurements with the very highest performance. Optimus Yellow is ideal where performance is key but the application does not call for integrated or frequency measurements (please see p5 for more information).

Optimus Red Sound Level Meters - CR:160 Series

The Optimus Red instruments are designed for occupational noise and industrial hygiene measurements. All of the features of the Optimus Yellow are available with additional integrated noise functions (please see p6 for more information).

Optimus Green Sound Level Meters - CR:170 Series

The Optimus Green instruments are designed for detailed analysis of occupational and environmental noise dependant on your requirements. All of the features of the Optimus Yellow and Optimus Red are available with additional key features (please see p7 for more information).

Why Choose Optimus?

We want to make your job easier, so we designed the Optimus Sound Level Meters to offer the highest level of performance without the complicated setup.

- Every parameter is measured simultaneously, so you can't choose the wrong function or miss any data
- All it takes is 3 button pushes to start measuring. Switch On. Calibrate. Start. It's that simple
- Large OLED displays make the data easy to read
- Lightweight, ergonomic design for ease of use
- High performance guaranteed
- Many models of the Optimus come with our FREE NoiseTools analysis software, see p19 for more information

All Optimus Sound Level Meters include the following as standard:

- Our 15-Year 'No Quibble' Warranty for your peace of mind
- High Performance to Class 1 or Class 2
- VoiceTag™ voice note recording* (see p21)
- AuditStore™ measurement verification* (see p21)
- Measures Fast, Slow and Impulse Time Weightings
- Pause and Back Erase
- 4GB memory with the option of 32GB*
- Long battery life
- dB(A), dB(C) and dB(Z) Frequency Weightings

* Data logging versions only (see p8 for more information)

Optimus Yellow Sound Level Meters

For Simple Noise Measurements

The Optimus Yellow instruments are a range of state-of-the-art sound level meters. They are designed to meet the very latest standards for noise measurement instruments.

They have been purpose-designed for applications where only basic noise data is required, such as Sound Level (SPL) or Maximum Sound Level (Lmax).

Applications

- Simple noise measurements
- Alarm testing
- Vehicle noise control
- Noise ordinance

Why Choose Optimus Yellow?

- Measures everything you need simultaneously to save time
- No complicated setup - just switch on, calibrate and start
- Large OLED display so the data is easy to read
- Lightweight, ergonomic design for ease of use
- High performance guaranteed

Optimus Yellow
can be easily
upgraded
to the Optimus
Red or Green.



Optimus Red Sound Level Meters

For Occupational Noise Measurements

Measuring noise at work doesn't need to be a time-consuming task. The Optimus Red Sound Level Meter uses the very latest digital technology to save you time.

By measuring every parameter you need simultaneously, it can record everything in one measurement. There's no concern about choosing the wrong function or missing any data. All you need to do to get going is switch on, calibrate and start.

All of your measurement data displays on the large OLED screen, so you can see straight away if there are any occupational noise problems in your workplace. You can also easily navigate screens to see the data you need during measurements.

Applications

- Noise at Work surveys and noise exposure calculations
- Occupational noise and industrial hygiene evaluations
- Hearing protection selection
- Noise ordinance and general noise measurements

Why Choose Optimus Red?

- If you are working to the UK Control of Noise at Work Regulations 2005 or the EU Physical Agents (Noise) Directive, the Leq View gives you the information that you need
- The LAeq and LCPeak values are measured at the same time which allow the LEP,d (LEX,8h) and the Peak Action Levels to be determined
- The LCeq-LAeq (C-A) value is measured which can be used to select PPE using the HML method
- 1:1 octave bands (C & D models) for selection of PPE using octave band method

"There is nothing out there that can rival the Optimus Red noise level meter for its intuitive technology and accuracy."

Nick Phillips, Manufacturing Manager, Ilmor Engineering



For a full spec of this product, including how the Optimus Red also meets other regulations such as OSHA and MSHA visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

Optimus Green Sound Level Meters

"The Optimus enables me to simultaneously get all the noise data I need, assess arising noise issues, make decisions, act on them immediately and record what's happening."
Chris Selkirk (TechIOA),
Noise Consultant

For Occupational and Environmental Noise Measurements

The Optimus Green Sound Level Meter is the ultimate instrument when you need a sound level meter for both environmental and occupational noise.

All of the features of the Optimus Red and Yellow instruments are available, as well as 1:3 octave band filters and tonal noise detection.

Optimus Green instruments also provide advanced audio recording during measurements along with up to 28 statistical Ln values.

Combine Optimus Green with our environmental noise kits for fully weather protected outdoor noise measurements (see p17).

Applications

- Environmental noise measurements
- BS:4142 surveys
- Environmental impact assessments
- Occupational noise measurements

Why Choose Optimus Green?

Optimus Green includes the industry leading features common to all Optimus Sound Level Meters, in addition to the following:

- Audio recording during measurements with Acoustic Fingerprint™ technology (see p21)
- Up to 28 statistical Ln values
- 1:1 and 1:3 (B & C models only) octave band filters
- Tonal noise detection (C models only)

Optimus® Sound Level Meter Feature Matrix

Optimus Range & Instrument	Class/Type 1	Class/Type 2	Type Approved	Sound Level	Leq/Peak	TWA Dose	Data Logging	Audit Store	Voice Tag	1:1 Octaves	1:3 Octaves	Audio Recording	NR/NC	Tonal Noise	Ln values	Single Timer	Repeat Timer	Pause/Back Erase
CR:152A		✓		✓												✓		✓
CR:151A	✓			✓												✓		✓
CR:152B		✓		✓			✓	✓	✓							✓		✓
CR:151B	✓			✓			✓	✓	✓							✓		✓
CR:162A		✓		✓	✓	✓										✓		✓
CR:161A	✓		✓	✓	✓	✓										✓		✓
CR:162B		✓		✓	✓	✓	✓	✓	✓							✓		✓
CR:161B	✓		✓	✓	✓	✓	✓	✓	✓							✓		✓
CR:162C		✓		✓	✓	✓	✓	✓	✓	✓						✓		✓
CR:161C	✓		✓	✓	✓	✓	✓	✓	✓	✓						✓		✓
CR:162D		✓		✓	✓	✓	✓	✓	✓	✓			✓			✓		✓
CR:161D	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓			✓		✓
CR:1720		✓		✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓
CR:1710	✓		✓	✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓
CR:172A		✓		✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓	✓
CR:171A	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓	✓	✓
CR:172B		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
CR:171B	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
CR:172C		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
CR:171C	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓

doseBadge⁵

The new generation of noise dosimeter

HEARING PROTECTION SELECTION JUST GOT EASIER....

AVAILABLE WITH 1:1 OCTAVE
BAND ANALYSIS UPGRADE

The NEW doseBadge⁵ Noise Dosimeter for Occupational Noise Measurements.

It provides all of the unique features of the original doseBadge such as no controls, cables or displays with a range of new functions and features allowing it to be used for compliance with any occupational noise standard.

Bluetooth® communication to the dBLink App (for Android and iOS) or the dBControl allows the instrument to be configured and controlled without user intervention.

Measurements can be scheduled to start, pause and stop automatically with the timer functions allowing the doseBadge⁵ to be deployed quickly and easily.

We have introduced a range of features to ensure that your noise measurements are as effective as possible. These features include: automatic calibration detection, USB data download, a secure and robust internal microphone and tap sensors.

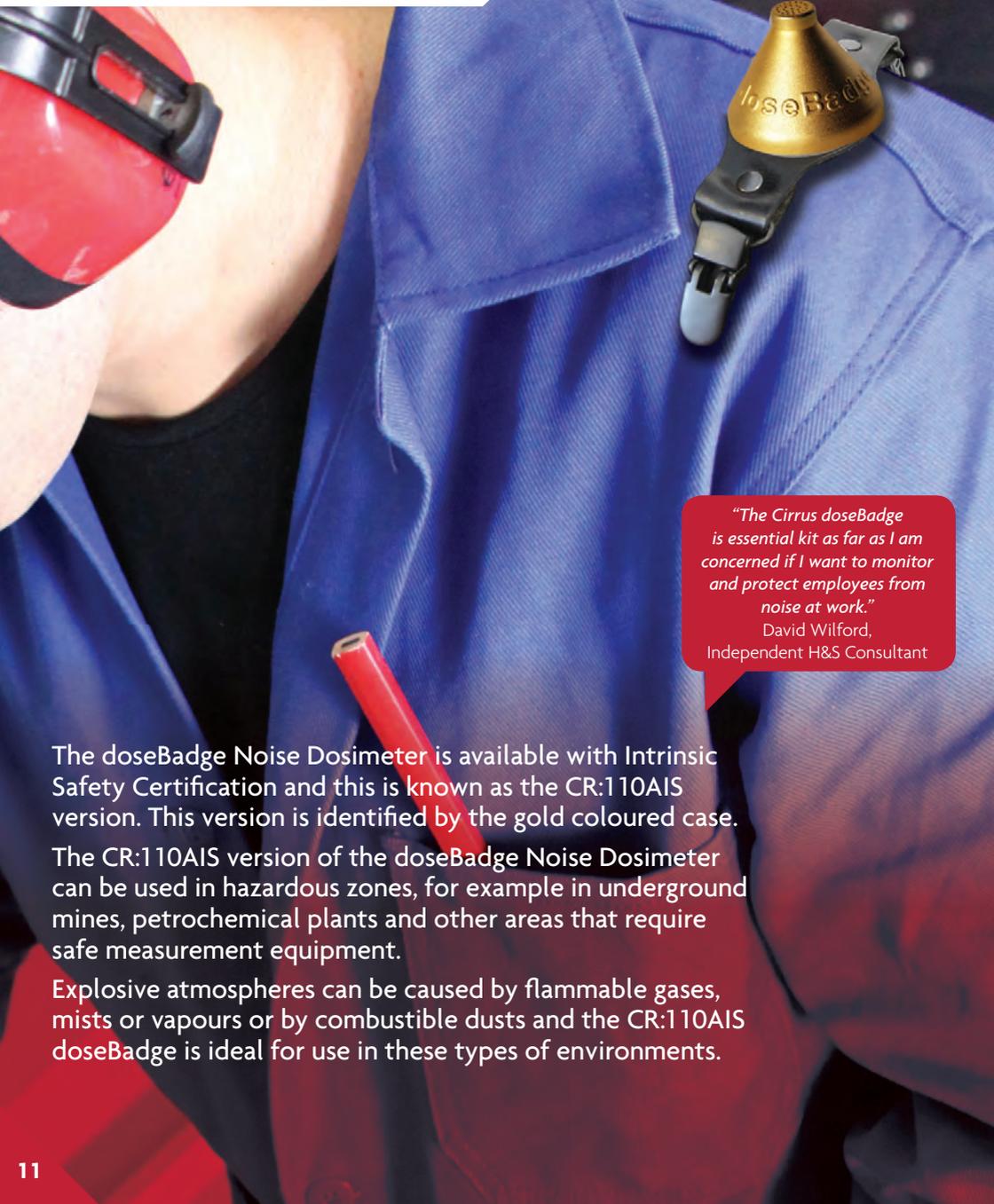
Key features of the doseBadge⁵

- 4 noise dosimeters in one instrument with full data available for all channels
- Measurements in accordance with the Noise at Work Regulations with HML (C-A) for the selection of hearing protection
- Simultaneous measurement of OSHA(HC), OSHA(PEL), ACGIH & ISO
- Optional 1:1 Octave Bands - **NEW**
- Multi-channel data logging at 1 second resolution per channel
- Internal shock & motion sensor to detect impacts & tampering
- Automatically start, pause & stop measurements with the scheduled timers
- Internal microphone with automatic calibration
- View measurements & configure the doseBadge⁵ with the dBLink App for mobile devices
- Bluetooth® communication to the dBLink App (Android & iOS) and the dBControl
- Bluetooth® connectivity to the dBControl for mid-shift readings
- Data download via USB through the 5 Dock/Charger
- NoiseTools software supplied as standard for reporting & data analysis
- 60dB to 140dB measurement range (143dB Peak)
- Lmax (Level & Time) + Lmin level
- Visual indication of Dose exceedence with user defined levels
- A, C & Z frequency weightings for RMS & Peak channels
- Fast & Slow time weightings for RMS channels



doseBadge™

The original wireless noise dosimeter



“The Cirrus doseBadge is essential kit as far as I am concerned if I want to monitor and protect employees from noise at work.”
David Wilford,
Independent H&S Consultant

The doseBadge Noise Dosimeter is available with Intrinsic Safety Certification and this is known as the CR:110AIS version. This version is identified by the gold coloured case. The CR:110AIS version of the doseBadge Noise Dosimeter can be used in hazardous zones, for example in underground mines, petrochemical plants and other areas that require safe measurement equipment.

Explosive atmospheres can be caused by flammable gases, mists or vapours or by combustible dusts and the CR:110AIS doseBadge is ideal for use in these types of environments.

Applications

- Personal noise exposure monitoring
- Noise exposure in hazardous environments
- Occupational noise and industrial hygiene assessments

Why choose the doseBadge?

- Measures and stores essential occupational noise parameters
- Very simple operation
- Compact, rugged design weighs only 51g/1.8oz
- Dual channel with noise profile data stored as standard
- Robust metal case prevents damage and servicing costs
- No external controls, cables or displays reduces damage, tampering or misuse
- NoiseTools Analysis and Reporting software with licence-free installation and free lifetime updates
- 90 minute (typical) charge time with 24 hours (typical) battery life
- Intrinsically safe version available with ATEX, EEx, IECEx and FM Certification for hazardous atmospheres

Features of the Intrinsically Safe doseBadge

- ATEX, EEx, IECEx, FM & SIMTARS Intrinsic Safety (CR:110AIS version)
- MSHA Intrinsic Safety (CR:112AIS version)
- All of the same benefits and features as the standard version
- Ideal for use in Petrochemical, Mining and Confined Spaces
- High level of protection with a rugged, robust design

The measurement functions and data provided by the CR:110AIS is the same as for the other versions of the doseBadge and this allows instruments to be used in a number of different applications.

What is Intrinsic Safety Certification?

The Intrinsically Safe versions of the doseBadge have been independently tested and verified by a number of different test laboratories to ensure that it meets the requirements of the different Intrinsic Safety standards.

These tests ensure that under defined test conditions the doseBadge will not cause a spark or will not heat up and cause a flammable atmosphere to ignite. Within these standards there are many different levels of performance and it is essential that you have the correct level of performance for the environment in which your equipment will be used.

It is not sufficient to say that an instrument is Intrinsically Safe and assume that this is suitable for all applications and environments. Always check the level of performance before purchasing Intrinsically Safe equipment.

The CR:110AIS version of the doseBadge has a very high level of certification to ATEX, EEx, IECEx and FM (US & Canada) as well as to SIMTARS and can be used in almost any hazardous zone or environment where there is risk of explosion.



Safety Officer's Noise Kits

A Complete Solution for Occupational Noise Monitoring

The Safety Officer's Noise Measurement Kit is a complete set of noise measurement tools that can be configured to meet your exact needs.

The kits contain a combination of an Optimus Sound Level Meter and doseBadge Noise Dosimeters along with all the required accessories for each instrument. All the equipment is supplied together in a single robust carrying case.

The sound level meter chosen to accompany the doseBadge can be selected to suit your requirements and to give you the measurements you need.

What's included in the kit?

Each Safety Officer's Noise Measurement Kit can be tailored to your exact requirements to include the Sound Level Meter, windshield, acoustic calibrator and doseBadge's, batteries and power cables, user manuals, a quick start guide and calibration certificates.



For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

Noise Activated Warning Sign

The SoundSign™ is a highly visible noise activated warning sign that has been designed for use in environments where there is a need to clearly warn or indicate when a preset noise level is reached.

When the ambient noise level exceeds the preset level, the SoundSign will illuminate, clearly showing the graphics and text.

The SoundSign is also available with a range of other graphics and text that allows it to be used in quiet environments where there is a need to warn or indicate excessive sound levels.



Applications

- High noise level environments: factories, workshops and warehouses
- Music and entertainment: pubs, clubs and other entertainment venues
- Quiet environments: schools, hospitals and libraries to indicate when noise levels must be kept down

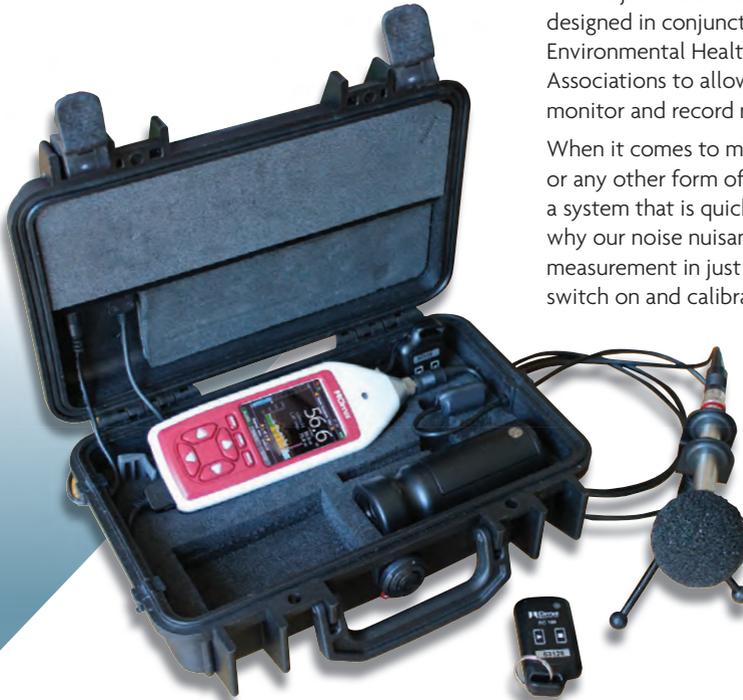
Why Choose SoundSign?

- Lights up when a preset noise level is exceeded
- Quick and simple to install
- Trigger level from 40dB(A) to 114dB(A) for use in any environment
- High intensity white LED technology for high visual impact and a long operating life
- 4 standard designs to cover all applications

Trojan²

Noise Nuisance Recorder

For Measuring and Recording
Noise Nuisance Complaints



The Trojan² Noise Nuisance Recorder was designed in conjunction with Local Councils, Environmental Health Officers and Housing Associations to allow you to easily measure, monitor and record noise nuisance.

When it comes to measuring neighbour noise or any other form of noise nuisance, you need a system that is quick and easy to deploy. That's why our noise nuisance recorder can start a measurement in just three easy steps. Just plug in, switch on and calibrate. It's that simple.

"The Trojan is particularly invaluable when the noise nuisance is sporadic. It gives us a very clear picture of what is going on."

Jill Edmondson,
Communities Environmental
Health Department, Wakefield
Metropolitan District Council

Why Choose Trojan²?

- Specifically designed for Noise Nuisance measurements
- Quick, simple and easy to set up
- Designed, manufactured and supported in the UK
- High quality, high resolution audio recording
- Lightweight and discreet
- Secure and tamper-proof
- Noise analysis software included
- Remove Optimus from the case to use as a fully-functioning environmental sound level meter with option of 1:1 and 1:3 octave band filters

For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

Trojan^{LITE}

Noise Nuisance Recorder

Noise Nuisance Recorder A Simple and Effective Solution

The Trojan^{LITE} Noise Nuisance Recorder enables Housing Officers to easily measure and record noise nuisance to gather the vital evidence that they require.

Quick and simple to deploy, the Trojan^{LITE} will capture loudness and frequency level data, as well as record high quality audio of the alleged noise nuisance.

Why Choose the Trojan^{LITE} Noise Nuisance Recorder?

- Capture data on the level and frequency of noise complaints
- Record audio to ascertain what is really going on
- No acoustic understanding required to set-up and deploy
- Easy to download and analyse data to generate reports as evidence
- Help you determine actionable noise complaints
- Training and support available directly from the manufacturer to help you

Analysing Your Noise Nuisance Measurements

Once you have collected your Trojan^{LITE}, you can access the data by downloading it into our NoiseTools software. This is included with the Trojan^{LITE} Noise Nuisance Recorder as part of the overall system.

You can now view your measurements, listen to audio recordings and create quick and simple reports.



For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

Environmental Noise Kits

For the Optimus Green Sound Level Meters

Outdoor noise kits are suitable for use with the Optimus Green Sound Level Meters and provide you with a complete outdoor noise measurement solution for short-term environmental noise monitoring.

Why Choose an Environmental Noise Kit?

- Fully weather protected outdoor noise measurement kit
- Battery power for 7 days operation (CK:670) and 5 days (CK:680)
- Space for additional battery pack to double operating time
- External power connection for longer operation
- Secure lockable case with space for all standard instrument accessories
- Standard 10m microphone cable
- Remote download of measurement data over 3G/GPRS connection (CK:680)
- GPS location data stored with automatic time/date synchronisation (CK:680)
- Live alerts via Email, SMS or Twitter (CK:680)



For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

Invictus

Noise Monitoring Systems

A Complete Noise Monitoring System



The Invictus is a purpose-designed environmental noise measurement instrument and is ideal for short-term noise measurements and long-term noise monitoring projects.

An Invictus can be used on its own as a portable environmental noise monitor or can be combined with other instruments and sensors to form part of a larger, more comprehensive noise measurement and management system. For medium and long-term noise monitoring

applications, the Invictus can be combined with a secure enclosure for wall or mast mounting.

Using the very latest technology, an Invictus is simple to set up and deploy whilst providing a wide range of noise measurement parameters. Supplied with the Noise-Hub² software package, the Invictus is the ideal noise measurement and monitoring instrument for any application where ease of use and high performance are essential.

Why choose an Invictus Noise Monitor?

- Reliable: Purpose designed for environmental noise measurements
- Intelligent: Simultaneous measurement of all parameters
- Informed: Audio recording, SMS, email and twitter alerts
- Control: Communicate remotely via 3G, GPRS, Wi-Fi, Ethernet (LAN) or Radio Modems
- Flexible: Set different measurement periods and alerts for different times of the day and days of the week
- Responsive: Receive alerts before noise levels are exceeded with the pro-active % Noise feature
- Manage: Noise-Hub² Software allows data to be downloaded, reports created and data analysed
- Integrate: Includes additional inputs and outputs for integration of weather data and video recording systems

Applications

- Construction noise monitoring
- Airport noise monitoring
- Industrial noise monitoring
- Motorsport noise monitoring
- Festival noise monitoring



"The Invictus allows me to get readings from multiple locations and see the live real time data coming through – it adds in that extra measure of control."

Chris Selkirk,
Noise Consultant,
Sustainable Festivals

For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

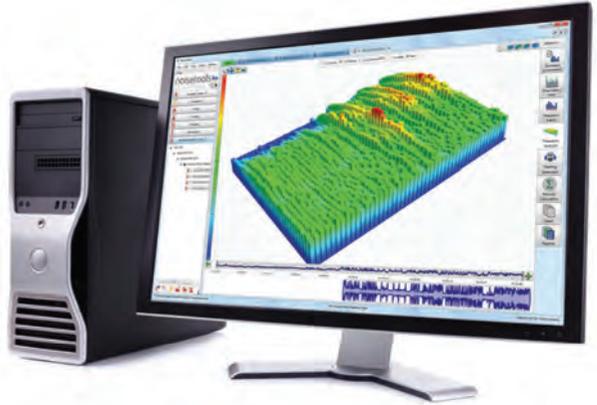


Download, Analyse and Report Noise Measurement Data

NoiseTools software gives you a quick and simple way to download, analyse and report the noise measurement information recorded by an Optimus Sound Level Meter or doseBadge Noise Dosimeter.

For many users, the most challenging part of a noise survey is the reporting and analysis of the results – having a simple way to view, analyse and print the information is essential.

Measurement reports can be created quickly and easily for export to other software programs such as Microsoft Excel and Word.



Why choose NoiseTools?

- Included with the Optimus Sound Level Meters, doseBadge⁵ Noise Dosimeters and the Trojan Noise Nuisance Recorder
- Download, store and organise measurement data
- Quickly review measurements with the summary screen overview
- Produce measurement reports for any available data with print and export functions for Microsoft Excel and Word
- Replay VoiceTag™ audio notes & Acoustic Fingerprint™ audio recordings. (see p21)
- Analyse measurements data and reprocess data with the Periodic Calculator
- Tag measurements to people, places or projects
- Select hearing protection using the built-in database
- Share data between different PC's and locations
- Backup and archive noise measurement data
- Licence free installation with no keys, dongles or restrictions
- Free, lifetime updates

For a full spec of this product visit www.cirrusresearch.co.uk or call +44 (0) 1723 891 655

The Vibration Meter

The Revo Vibration Meter provides a simple and convenient way to measure, analyse and assess vibration data in accordance with standards such as ISO 5349 and European Directive 2002/44/EC.

Capable of measuring four channels simultaneously, the Revo Vibration Meter meets the requirements of ISO 8041:2005 and is ideal for assessing Hand-Arm and Whole Body Vibration Exposure.

Why choose Revo?

- Hand-Arm Vibration Meter in accordance with the Control of Vibration at Work Regulations 2005
- Whole Body Vibration Meter in accordance with ISO 2631
- Four independent measuring channels with IEPE inputs and TEDS support
- 3-channel FFT for the detection of main frequencies
- Stores up to 10,000 measurements and up to 1,000 FFT measurements
- Colour screen display of running and interval measurement values
- USB interface for quick download of your data
- The complete measurement kit includes all the accessories required, including handle mounts for the Triaxial Accelerometer



We Don't Just Provide Noise Measuring Instruments

Calibration and Service

Keep your instruments performing at their optimum capacity with our calibration and servicing packages.



VoiceTag™ Audio Note Recording

VoiceTag is a unique audio recording feature on the optimus sound level meters that lets you record notes, comments or any other useful information before each measurement.

VoiceTag™

Audio note recording

Acoustic Fingerprint™ Triggering & Audio Recording

Acoustic Fingerprint is an advanced noise event detection system that can be customised to trigger audio recordings using the Optimus Green Sound Level Meters.



Acoustic Fingerprint™

Audio triggering, recording & alerts

AuditStore™ Data Verification

AuditStore helps you to ensure that your noise measurement data is valid and trustworthy. It does this by verifying the measurements that have been downloaded to the NoiseTools software against a secure data store within the instrument.

AuditStore

SECURE • VERIFIABLE • ACCESSIBLE • DATA



Find out more about these support services and ask the Noise Doctor a question at www.cirrusresearch.co.uk/support

Found the perfect noise measurement equipment only to find it's outside of your budget? Noise Hire gives you our industry-leading products from just £30 a day.

Noise Hire is the UK rental division of Cirrus Research plc, making it quick and easy to hire the instruments you need at prices you can afford.

Our most popular products are all available to hire, including the Optimus Sound Level Meter, doseBadge Noise Dosimeter, Trojan² Noise Nuisance Recorder and Environmental Noise Kits. We've got all possible applications covered but if you're not sure what you need, we've put together a quick guide to help you choose. There's also our Noise Hire Product Selector, which helps you find the ideal products. The minimum hire period is one week but you can easily extend your hire period at any time.

Why Choose Noise Hire?

- It's quick and easy to hire instruments, you'll be up and running in no time
- You'll receive our FREE NoiseTools Software to analyse your data
- All equipment supplied with accessories and Quick Start Guide at no extra cost
- Discounts available for long-term hire periods
- Delivery and collection arranged by us, just tell us where and when
- Same Products. Same Support. Same Benefits. Cheaper Price

Some customers also use Noise Hire when they send their instruments back for recalibration. It's the ideal way to maintain consistent noise data without any gaps in reporting.

"...we had a three-month period to process the decision to buy and still be able to claim the hire costs back... the extra time was useful as you want to make sure it is right for you before you commit to the investment."

Danny Bradley, Acoustic Consultant, Acoustic and Engineering Consultants Limited (AEC)

• TRY BEFORE YOU BUY •
**FROM
£30
A DAY**
• HIRE OPTION AVAILABLE •

Save More Money with our Try Before You Buy Offer

Noise Hire also gives you an opportunity to try our industry-leading products before committing to a purchase. If you decide to buy your instrument within 3 months of your hire period, we'll refund you up to 2 weeks hire costs.

Do you have questions about Noise Hire? Visit www.noisehire.com to find out more. Can't find what you're looking for? **Don't hesitate to contact our Noise Experts today.**

Why Choose Cirrus Research?

We Believe In Making Noise Measurement Simple

Cirrus Research is a world leader in the creation of noise measurement instruments. Since 1970, Cirrus' mission has been to make monitoring noise simple. Today, thousands of companies around the world are using our instruments to help them comply with the Standards and Regulations that govern noise. Our innovative approach to product design has helped redefine the way the world looks at noise measurement instruments.

5 Reasons to Choose Cirrus Research

1 It's All Made in the UK

Cirrus Research designs, manufactures and supports all of its noise measuring equipment in the United Kingdom. If you have any questions or issues with your instruments, it's easy to contact our UK support team to get the quick and easy answers you need.

It also means that when your equipment is due its annual calibration, we can usually return it to you within 10-15 working days as nothing is shipped abroad for servicing or repair. It's all done here at our factory in North Yorkshire.



2 15-Year 'No-Quibble' Warranty

Buying noise measuring equipment is an investment and we want to protect that for you. That's why we provide an industry-leading 15-Year Warranty with all of our instruments.

The 15-Year Warranty also includes accidental damage cover, so if you happened to drop your sound level meter and crack the screen or break a button, we'll replace the damaged parts free of charge.

All you have to do to maintain your 15-Year Warranty is send your equipment back to us annually for recalibration – as you are required to by the Regulations. Total peace of mind for 15 Years.

Terms and conditions apply. Call us for details.



3 Noise Academy Training

We want you to get the best from your equipment, which is why we provide Cirrus Product Training Courses around the UK as part of The Noise Academy.

We'll cover the basics of noise measurement, so you know why we measure noise in the way that we do, as well as provide practical demonstrations of our product range. This will help you ensure you are taking accurate measurements.

If you want to progress your noise knowledge even further and become a Noise Expert – we can provide you with IOSH accredited training courses at a discounted rate.

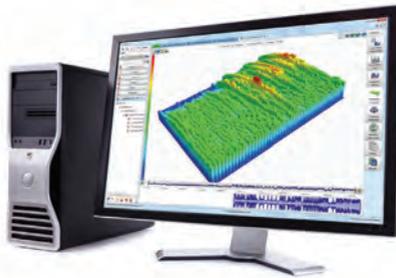


4 Licence-Free Software Included

All of our noise measurement equipment comes with the software you need to download, analyse and share your noise data.

See page 19 for more details, visit

www.cirrusresearch.co.uk/products/noisetools-software or call **+44 (0) 1723 891 655**



5 Innovative Noise Measurement Instruments

If the added extras such as the warranty, training and software weren't enough, then consider the actual instruments themselves.

Cirrus Research designs all of its noise measuring equipment with one goal in mind: making it easy to use. That's why you are only ever a few button presses away from starting a noise measurement session.



To watch our latest videos and see our products in action visit: www.youtube.com/cirrusresearch

Stay Connected with the Noise Experts

There are a number of ways to keep in touch with our Noise Experts and stay up to date with the world of noise measurement – just take your pick!

NoiseNews

Visit www.cirrusresearch.co.uk/blog to sign up to NoiseNews for all the latest news from the Noise Experts. Blog posts include: top tips on how to get the best from our industry-leading products, discover how noise can affect your daily life and see how we are transforming noise measurement equipment for the better.



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Newsletters

Visit www.cirrusresearch.co.uk/library/newsletters to read the latest issue of our newsletter, The Measure. Keeping you up to date with the world of noise measurement.



For case studies, videos, testimonials and more visit the news section on our website
www.cirrusresearch.co.uk

Want to find the right instruments for the job?

Contact our Noise Experts
today for a Demo and Quotation

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