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Introducing

Pulsar vB² Human Vibration Meter
Hand-Arm & Whole-Body Vibration | One Instrument

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SOUND LEVEL METERS



MODEL 14 (CLASS 2) DIGITAL NOISE METER

FEATURES

35dB(A) to 130dB(A) measurement range
Fast and Slow time weightings
dB(A) and dB(C) frequency weighting



MODEL 41 (CLASS 1) SOUND LEVEL METER

FEATURES

Class 1 SLM to IEC 61672-1:2013
Add Data-logging at any point
Simultaneously measure key parameters



MODEL 42 (CLASS 2) SOUND LEVEL METER

FEATURES

Class 2 SLM to IEC 61672-1:2013
Fast and Slow time weightings
dB(A) and dB(C) frequency weighting



MODEL 43 (CLASS 1) SOUND LEVEL METER

FEATURES

Range 20dB(A) to 140dB(A) & 143dB(C)
Hearing Protection Calculation
TWA/dose and Ln values



MODEL 44 (CLASS 2) SOUND LEVEL METER

FEATURES

Range 20dB(A) to 140dB(A) & 143dB(C)
Integrating averaging sound level meter
Data Logging and AnalyzerPlus software



MODEL 45 (CLASS 1) SOUND LEVEL METER

FEATURES

1/1 Octave Bands Filters
TWAS/dose and Ln values
Audio Recording, Notes and Timers

NOISE MEASUREMENT KITS

All of the sound level meters and noise meters in Pulsar Instruments range can be supplied as a complete noise measurement kit containing dB meter, acoustic calibrator, windshield, and other essential accessories. They come with valid calibration certificates and a warranty. The Pulsar Nova range can also be used with an all-weather outdoor measurement kit that provides protection for the meter and its microphone from the elements and dust, allowing sound intensity measurements to be made over long periods in a variety of environments.

SOUND LEVEL METERS



**MODEL 46 (CLASS 2)
SOUND LEVEL METER**

FEATURES

Range 20dB(A) to 140dB(A) & 143dB(C)
Real-time 1:1 Octave band filters
TWA/dose and Ln values



**OUTDOOR NOISE
MONITORING SYSTEM (WK3)**

FEATURES

Secure & Weatherproof
Easily transportable
Long battery life



**MODEL 49 (CLASS 1)
ENVIRONMENTAL ANALYSER**

FEATURES

Extremely in-depth measurements
1:1 and 1:3 Octave Bands & FFT Analysis
Wireless connectivity (Wi-fi & Bluetooth)



Comparison chart

Features	Model 41	Model 42	Model 43	Model 44	Model 45	Model 46
Class	Class 1	Class 2	Class 1	Class 2	Class 1	Class 2
SPL	✓	✓	✓	✓	✓	✓
A,C & Z Frequency Weightings	✓	✓	✓	✓	✓	✓
Fast & Slow Time Weightings	✓	✓	✓	✓	✓	✓
Leq/Peak	○	○	✓	✓	✓	✓
Pause & Back Erase	○	○	✓	✓	✓	✓
Data Logging	○	○	○	○	✓	✓
Manual Audio Record & Data Logging	○	○	○	○	✓	✓
Audio Note & Data Logging	○	○	○	○	✓	✓
Repeat Timer & Data Logging	○	○	○	○	✓	✓
Single Timer	○	○	○	○	✓	✓
TWA/dose	○	○	○	○	✓	✓
Ln Values	○	○	○	○	✓	✓
1:1 Octave Bands	○	○	○	○	✓	✓

○ = Optional

NOISE DOSEMETERS



NOISEPEN (MODEL 26) PERSONAL EXPOSURE METER

FEATURES

- 30 hours battery life
- Easy to use
- Schedule your recordings



NOISEPEN (MODEL 26) DOSEMETER KIT

FEATURES

- 30 hours battery life
- Class 2 Calibrator included
- No additional reader required



MODEL 22 (INDIVIDUAL) NOISE DOSEMETER

FEATURES

- Compact, robust and lightweight
- Meets IEC 61252 & ANSI S1.25
- Self-contained noise measurement device



INTRINSICALLY SAFE NOISE DOSEMETER SYSTEM

FEATURES

- ATEX Approved
- Self-contained noise measurement device
- Compact, robust and lightweight



CHARGER UNIT FOR 5 DOSEMETERS

FEATURES

- Charge 5 NoiseBadge's at once



NOISEBADGE PERSONAL NOISE DOSEMETER SYSTEM (MODEL 22)

FEATURES

- Designed for heavy-use
- Compact, robust and lightweight
- Meets IEC 61252 & ANSI S1.25

WHY SHOULD YOU CHOOSE PULSAR INSTRUMENTS AS YOUR SUPPLIER?

All of our range meet the applicable international standards including IEC 61252 and ANSI S1.25: 1991. They are user-friendly, tamper-proof and cable-free; they are mounted on an individual worker's shoulder, close to their ears, where they continuously monitor their 'A' frequency-weighted sound exposure levels. We offer dosimeters that are data logging so they collect time history data of the noise dose. Typical uses are in factories, industrial units, warehouses, large construction sites, and any other places where workers are exposed to different noisy machinery over their working shifts.

NOISE DOSEMETERS



NOISEPEN ACOUSTIC CALIBRATOR **FEATURES**

Class 2 Acoustic Calibrator
Designed to be used with the NoisePen
94dB



DOSEMETER READER UNIT FOR THE NOISEBADGE **FEATURES**

Includes Integral Acoustic Calibrator
Infrared connectivity
Very easy-to-use



CARRYING CASE FOR NOISEPEN DOSEMETERS **FEATURES**

Lightweight
Carry up to 5 NoisePens
Space for an Acoustic Calibrator



REMOTE START KEYFOB FOR NOISEBADGE DOSEMETER **FEATURES**

Start/Stop the NoiseBadge Dosimeter
without the Reader Unit.



LEATHER SHOULDER STRAP FOR NOISEPEN **FEATURES**

Securely attach the NoisePen to
your employee with this leather
shoulder strap.



DUAL LEVEL ACOUSTIC CALIBRATOR **FEATURES**

Available in Class 1 and Class 2
Switch between 94dB and 114dB
PTB Approval

WHY SHOULD YOU CHOOSE PULSAR INSTRUMENTS AS YOUR SUPPLIER?

All of our range meet the applicable international standards including IEC 61252 and ANSI S1.25: 1991. They are user-friendly, tamper-proof and cable-free; they are mounted on an individual worker's shoulder, close to their ears, where they continuously monitor their 'A' frequency-weighted sound exposure levels. We offer dosimeters that are data logging so they collect time history data of the noise dose. Typical uses are in factories, industrial units, warehouses, large construction sites, and any other places where workers are exposed to different noisy machinery over their working shifts. They are also ideal for use with lone workers and those who are difficult to reach (for instance, those working in remote sites or in vehicle cabins).

VIBRATION METERS



PULSAR VB² **HUMAN VIBRATION METER** **FEATURES**

Seamlessly switch between HAV and WBV
User-friendly interface
Software included



VIBRATION METER RECALIBRATION **AND SERVICE** **FEATURES**

Quick turnaround for calibration
Service plan available
Extend your warranty



HUMAN VIBRATION **METER TRAINING** **FEATURES**

Available online over Teams/Zoom
Face-to-face training
Learn the ins and outs of your meter



HAV METER – PULSAR VB HAND **ARM VIBRATION METER** **FEATURES**

Very easy to use
Software included
All necessary measurements taken simultaneously



PULSAR VB 2M **EXTENSION CABLE** **FEATURES**

Extend the range of the Pulsar vB
with this 2m extension cable.



HAVI+ HAVS **TRIGGER TIMER** **FEATURES**

Super simple installation
Easily calculate employee
exposure to HAVS.

HAND ARM VIBRATION METERS

Hand-arm vibration exposure can cause a range of conditions known as hand-arm vibration syndrome (HAVS), it can also be a cause of other nerve and circulatory problems such as carpal tunnel syndrome. Identifying easily signs and symptoms of HAVs is vital as it allows the employer to take vibration control actions to prevent permanent injuries. Pulsar Instruments range of highly accurate hand-arm vibration meters (also known as hav meters) are ideal for measuring vibration magnitude from a wide variety of sources allowing health and safety managers to assess vibration.

NOISE ACTIVATED WARNING SIGNS



NOISE WARNING SIGN SAFEAR MASTER FEATURES

Innovative noise-activated warning sign
Lights up with a warning message when
Adjustable brightness & trigger level from 40-114 dB(A)



WATER & DUST RESISTANT NOISE-ACTIVATED WARNING SIGN FEATURES

IP65 rated (water & dust)
Quick and simple to install
Adjustable brightness & trigger level from 40-114 dB(A)



PULSAR SAFEAR REMOTE DISPLAY UNITS FEATURES

Extends the range of your master units
Add a beacon for extra visibility
Extend the range of your master unit



SAFEAR – COVID NOISE WARNING SIGN FEATURES

Add a data-logger
Adjustable warning light
Add beacon for extra visibility



SAFEAR FLASHING NOISE WARNING BEACON FEATURES

Add extra visibility to your warning signs
Automatically triggered by excessive noise levels
Available in Red or Blue.



SAFEAR DATA LOGGER FOR NOISE MONITORING FEATURES

Add to your SafeEar at any point
USB software included
Record up to 22 days worth of data.

NOISE-ACTIVATED WARNING SIGNS

Noise Safety legislation (for instance that of the HSE in the UK) and standards in most countries state that companies must clearly define any areas where there is a noise hazard and that their workers should be clearly notified of any potential danger of high noise levels so that they can put on hearing protection.

Putting up standard printed "Hearing Protection Must Be Worn" warning signs for areas of high noise means that employees have to follow the instruction continuously in these zones and ALSO someone has to monitor them to make sure they are complying

GAS DETECTORS



BW CLIP – 2 YEAR DISPOSABLE SINGLE GAS DETECTOR

FEATURES

Zero Maintenance
Up to 2-year battery life
Super easy to use.



BW CLIP – 3 YEAR DISPOSABLE SINGLE GAS DETECTOR

FEATURES

Zero Maintenance
Up to 3-year battery life
Super easy to use



BW CLIP4 MULTI-GAS PORTABLE GAS DETECTOR

FEATURES

Monitor O₂, LEL, H₂S & CO
Compact and lightweight design



BW GASALERT QUATTRO 4-GAS DETECTOR

FEATURES

Simultaneous detection of O₂, LEL, CO, and H₂S
Easy-to-read, real-time LCD screen
Durable, weather-resistant design.



GASALERT MICROCLIP XL – 4 GAS DETECTOR

FEATURES

Four-gas detection: O₂, H₂S, CO, and LEL
Slim, lightweight, and portable design
One-button, user-friendly operation



HONEYWELL BW ICON MULTI GAS DETECTOR

FEATURES

Advanced sensors detect a wide range of gases
Large, easy-to-read display shows real-time gas readings
Rugged design can withstand tough working conditions

CLIENTS TRUST IN US TO DELIVER QUALITY AND SUPERIOR SERVICE

Pulsar Instruments are highly-recommended and trusted by our customers.

GAS DETECTORS



HONEYWELL BW SOLO – THE ULTIMATE SINGLE GAS DETECTOR

FEATURES

- User-friendly operation
- Serviceability
- Easy-to-read display



SINGLE GAS CLIP – PERSONAL GAS DETECTOR

FEATURES

- H2S Measuring range: 0-100 ppm
- Low alarm limit: 10 ppm – High alarm limit: 15 ppm
- CO Measuring range: 0-300 ppm



PS200 4 MULTI GAS MONITOR

FEATURES

- Robust and accurate portable gas detector – IP67 rated
- Provides audible and visual alarms in the event of exposure to flammable or toxic gases



TRIPLE C – PERSONAL GAS DETECTOR

FEATURES

- User-friendly operation
- Serviceability
- Easy-to-read display

CLIENTS TRUST IN US TO DELIVER QUALITY AND SUPERIOR SERVICE

Pulsar Instruments are highly-recommended and trusted by our customers.



COMPLIANCE PACK ONE FEATURES

Compliance Pack ONE is a dedicated sample pack for rapid compliance testing.



PERSONAL DUST MONITOR – XD ONE FEATURES

Easy to use – Simply switch on, secure in place, and off you go Low maintenance



AUDIOLOGY BOOTH FEATURES

Compliance Pack ONE is a dedicated sample pack for rapid compliance testing.



MODEL 116 MANUAL SCREENING AUDIOMETER

Compact, lightweight and portable
Extended frequency range: 125 – 8000Hz



MODEL 170 AUTOMATIC AUDIOMETER

CManual and automatic screening
Compact, lightweight and portable
Extended frequency range: 125 – 8000Hz



OTOSURE PC-BASED AUTOMATIC SCREENING AUDIOMETER

Pure tone audiometry
User defined recall facility
Identification of 'at risk' personnel



PC850 PC-BASED AUTOMATIC AUDIOMETER

Automatic and manual test modes (inc. Békésy test)
HSE categorisation
Unique educational and assessment tools
Extensive data analysis and trending
Communication channel
Third-party EMR connectivity



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