



Great Success in INTER-NOISE 2017

THE 46TH INTERNATIONAL CONGRESS AND EXPOSITION ON NOISE CONTROL ENGINEERING Taming Noise and Moving Quiet took place at the HKCEC during 27-30 AUG 2017. There are over 1000 participants from more than 40 countries joined this big event.

Mr. Tom Ho, the owner of **S&V Samford** and the **Co-chairman** of INTERNOISE 2017 gave a meaningful speech during the open ceremony.



We exchange our technical ideas with the participants during the exhibition. Besides, we have also provided some training and Lectures to customers and students with ONO SOKKI in September.



Lectures in Poly University



Visiting EPD Hong Kong



Products Presentation



Exchange ideas with customer

About Us

S&V Samford Ltd.
www.svsamford.com

We are devoted to provide quality and innovative solutions for Customers with interest in Sound and Vibration, Condition monitoring and Air Quality monitoring. With a team of passionate professionals, we provide dedicated support and continue education to our customers.

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Monthly Feature Products

- AcoustiCam
- Low Power Sensors for Wireless
- Vibration Monitoring Systems – AC327-1D & AC328-1D
- VIBER X5 MK III TM Advanced vibration analyzer

AC100

Quickly and effectively locate and analyse sound sources



SINUS Quickly and effectively locate and analyze sound sources - AcoustiCam

Especially the sound analysis of complex objects often reveals the problem that conventional measurements using a single or just a couple of microphones only deliver insufficient results with respect to the tracking of sound sources. The technique used with AcoustiCam provides an excellent solution. Simultaneous measurements using a large number of microphones allow the quick and precise location and separation of sound sources.

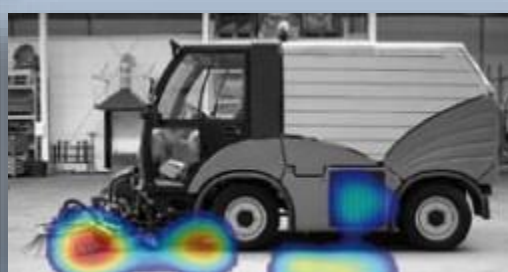
Typical applications for AcoustiCam are:

- Localization and separation of sound sources to reduce noise emitted by vehicles, machinery, household appliances and electric tools
- Source analysis for acoustic design of wind tunnel models, complex vibrating structures, creaking or rattling structures
- Long-term monitoring of machines and plant
- Acoustic vehicle tests (inside and outside)
- Quality assurance
- Predictive machine maintenance
- Acoustic optimization of product



Features

- Display of acoustic images in real-time
- Frequency spectrum over time
- Display of spectrum and time signal
- Raw data storage for post-processing
- Post-processing of the raw data
- Saving videos in MP4 format
- Event presentation as a spectrogram



About SINUS

<https://www.sinus-leipzig.de/en/>

SINUS Messtechnik GmbH was founded 1990 and stands for robust, portable and flexible multi-channel measurement systems for the sound and vibration analysis.

Their corporate philosophy of modular concepts and open systems enables us to offer an impressive product portfolio on a high technical level at fair prices, even as a small company.

The Soundbook_MK2 family, in particular, combines the new 24-bit Apollo technology and the virtually indestructible Panasonic CF-19 Toughbook combined in a unique solution which allows extremely advanced real-time field analyses.

[Read More](#)

New Low Power Sensors for Wireless Vibration Monitoring Systems



Low Power Sensors for Wireless Vibration Monitoring Systems – AC327-1D & AC328-1D

Many applications in the industry require monitoring machines in environments where regular route data collection can endanger the safety of maintenance personnel. Other situations arise where monitoring certain machines can be cost prohibitive, in both time and money, with sensors wired to a remote junction box.

To help remove these obstacles for monitoring in these situations, CTC has begun offering sensors which are designed for use with the newer wireless solutions being offered by vibration industry companies.

Three wire solutions

The new AC327-1D and AC328-1D sensors are designed to fulfill this need. They have been tested as well as being used with wireless systems from other manufacturers.

This compact sensor is easier to fit into tight spaces and has a standard 100mV/g output. With a 2.5 VDC bias voltage and a recommended power supply of 5 VDC, the dynamic range of the sensor is only 15 g's peak.

This lower dynamic range may limit the sensor from being used for applications where the impacting is higher than the 15g range. However these sensors will still be useful in many applications including the power generation industry and papermills. Other than the lower dynamic range, the AC327-1D and AC328-1D perform in most other aspects like a standard AC192-1D sensor. The RFI and EMI immunity is very high for a low power sensor and the noise levels are excellent, even at low frequencies. Maximum shock level for both sensors is 5000 g's like almost all of CTC's standard product line.

The frequency response for both sensors is excellent as well, with the AC327-1D's frequency response staying within 3dB all the way from 0.2 Hz to 15000 Hz and the side exit AC328-1D performing within 3dB from 0.5 to 8000 Hz. Like all of CTC's sensors, the AC327-1D and AC328-1D sensors are helium leak tested to ensure a hermetic seal and the IP 68 rating the sensors have earned.

[Know More](#)

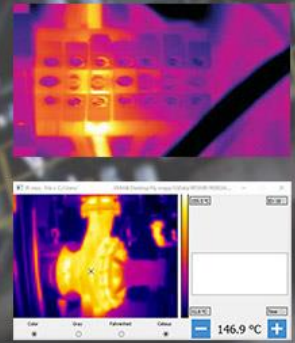
About CTC

<https://www.ctconline.com/>

CTC - Connection Technology Center, Inc. - offers the widest variety of high quality accelerometers, vibration sensors cables and connectors for industrial use in condition monitoring and predictive maintenance applications. It's an industry leading product portfolio supported by an unconditional lifetime warranty on all CTC Industrial accelerometers and vibration analysis.

Our products reflect the input of our customers and distributors and every CTC product is designed to meet and exceed the real-world demands of tough environments. We pride ourselves on designing an extensive, versatile range of accelerometers and products that deliver unsurpassed quality, durability, and performance. Read more in our testimonials, mission, quality statement, and warranty information below.

VIBER X5 MK III™ Advanced Vibration Analyzer



VIBER X5 MK III™

Advanced vibration analyzer

VIBER X5 MK III™ is an advanced vibration analyzer, together with SpectraPro® PC software it provides a complete package for Predictive condition maintenance.

VIBER X5 MK III™ is capable of measuring, processing, displaying and storing a wide range of measurement parameters. You can collect various types of field data; examples are vibration information, bearing analyze, temperature, speed and other process variables that enables you to expand its functionality by adding new measurements to improve your analysis capabilities. You may also use the VIBER X5 MK III™ for 1 or 2 plane balancing.

VIBER X5 MK III™ perfectly fits with the SpectraPro® multipurpose software and it is also compatible with our other analyze instruments.

Features

- Embedded Thermal Camera

- FAST

VIBER X5 MK III™ uses a new generation of floating point DSP processor from Texas Instruments (C6700 series), which ensures a very short data processing time.

- RUGGED

Made for rough use in hard environments. IP65 casing and operating temperature of -20 to +70 °C

- COMPATIBLE

VIBER X5 MK III™ uses SpectraPro® condition monitoring software to manage data. Using an existing database, it may be used together with Easy Viber, Easy Balancer and X-Viber instruments, just the way it is, with no other changes.

- EASY TO USE

VIBER X5 MK III™ has a graphical user interface, a right and left hand operated keyboard and a user friendly context sensitive HELP.

The measurements are grouped so a beginner easily can handle them, but also the experienced users gets satisfied by the advanced measurement menus.

- FLEXIBLE

- RELIABLE

[Read More](#)

About VMI

<http://www.vmiab.com/>

VMI's concept is to develop and manufacture vibration instruments and monitoring equipment, which are easy to use and achieve all necessary parameters for a reliable machine analysis.

VMI was one of the first to introduce measurement instruments with analysis functions. Instruments easy to understand and suited for rough and hard work with maintenance and condition controls.

They have most users when it comes to machine condition controls. We also sell most route instruments. We are convinced that it is because of the simplicity and price/performance ratio of our products.

VMI are now a company with competence within machine condition measurement, maintenance strategies, electronics, computers and software.

They focus on products and system for machine surveillance, condition measurement, balancing machines and applied software.