

COMPANY NEWS:



Successful "Hi-Res" Headphone Seminar

耳机声学研讨会顺利于 10 月 18 日及 20 日完满举行 🙌

Thank you for your participation!!

The Next Generation "Hi-Res" Headphone Testing (R&D) and Production Line Headphone Test System Seminars were held successfully. There were over 80 attendees joining these events.

這次高解析耳机声学测试方法 (包括蓝牙连接方式) 声学研讨会在 10 月 18 日以及 20 日 顺利于北京及蘇州完满举行。是次声学研讨会吸引超過 80 位人士参与。S&V Samford 再次感谢大家积极参与及支持。 🧐

Upcoming NVH Visits

In December, S&V Samford is planning to visit TONGJI University, SHANGHAI JIAO TONG University and Changan Research Institute of Automotive Engineering for technical presentations.

在十二月，S&V 声振环保有限公司将探访同济大学、上海交通大学以及长安汽车工程研究总院，作技术交流与产品推广。



长安汽车
CHANGAN

About Us

S&V Samford Ltd.

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.

Feature Products:

-G.R.A.S.

Surface Microphone ,46AE and Nosecone

-SINUS

Apollo Series

-CTC

CSI-2140 Adapters, AC322-1A, 7A322-M12A

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Website:<http://sv.svsamford.com/content/4-about-us>

Surface Microphone , 46AE and Nosecone



G.R.A.S. Surface Microphone

The G.R.A.S. high-precision surface microphones are originally designed for in-situ boundary layer testing, where non-invasive mounting is a must. They are therefore also very suited for in-flow testing of full scale objects in wind tunnels. The height has been kept at 2.5mm, and the microphone is surrounded by a fairing to reduce self-generated Turbulence.



G.R.A.S 46AE

A High-performance 1/2" free-field standard microphone set

The 46AE is a free-field microphone set and as such optimized for all acoustic applications, where the location of the main sound source is known and the microphone can be pointed directly at it ensuring 0° incidence.

It is also a high-performance 1/2" free-field standard microphone set for measuring medium sound pressure levels at medium frequencies. This makes **46AE** ideal for general acoustic diagnostics.

In our clean-room environment the set is assembled and sealed with a label. However, the microphone set can be dismounted, if you wish to use the components separately. [Read more](#)

G.R.A.S Nosecone

G.R.A.S RA0020 1/2" Nosecone

The RA0020 is specially designed and optimized for use with 1/2" microphones for sound pressure measurements, when high speed wind comes from one known direction e.g. in a wind tunnel. With a Length of 54.0 mm and outer diameter: 13.2 mm

G.R.A.S RA0020-A 1/2" Nosecone, lightweight

RA0020-A is a nosecone for 1/2" microphones. It is similar to RA0020 but made of aluminium for lightness. With a Length of 54.0mm and Outer diameter 13.0mm.

[Read more](#)

About G.R.A.S

<http://www.gras.dk/>

Establishment in 1994.

G.R.A.S. have been 100% dedicated to developing and manufacturing **high-quality measurement microphones** and related acoustic equipment.

G.R.A.S founded by the Danish acoustics pioneer Gunnar Rasmussen who for more than 60 years has contributed to the world of sound and vibration with his unique ideas and designs.

Related Products:

- [Turbulence Screen](#)
- [Sound Intensity Probe - MEZZO](#)

Related Industries:

- Aeroacoustics
- Automotive
- Rail transportation



SINUS Apollo Box

Acoustic analyzer with 24-bit ADC and USB 2 interface

The Apollo-Box is a flexible and reasonably priced 2- or 4-channel data acquisition system with a USB 2.0 interface. This small and robust box transforms a PC combined with our flexible software into a high-quality multi-channel measuring instrument for a wide variety of acoustic and vibration measurement applications.

It is the ideal tool for **Occupational safety, environmental protection, Engineering services, Quality assurance** and **Research & development**. [Read More](#)

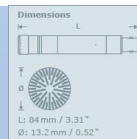
SINUS Apollo light

The low-cost **Apollo light** hardware provides 2-16 measuring channels and additional trigger/tacho channels on the footprint of a USB hard drive. The measurement electronics is packaged in a robust, high-quality aluminium case. Ultra-low power consumption allows operation with a tablet PC. Multiple **Apollo light** devices can be synchronised for sample-synchronous operation and allow an individually adjustable sample rate for each channel. [Read More](#)

SINUS Apollo PCIe

Measuring cards for individually designed high-precision vibro-acoustic measurement systems featuring a high channel count

The Apollo PCIe-Express measuring cards provide a means to implement individually composed, low-cost, high-precision vibro-acoustic measurement systems with many channels. The synchronized sample rate of DC ... 204kHz per channel with a dynamic range of 120dB of the integrated ADCs ensure a wide range of applications. [Read more](#)



About SINUS Messtechnik GMBH

<http://www.sinusmess.de/en>

SINUS Messtechnik GmbH is the world's leading manufacturer of portable, robust and versatile multi-channel sound and vibration analyzers.

SINUS's philosophy of modular concepts and open systems enables SINUS to offer you an impressive range of acoustic measuring solutions on a high technical level, but at fair prices.

Related Products:

- [Apollo Light](#)
- [Apollo PCI Express Cards](#)
- [ICP low Noise-Seismometer](#)
- [Soundbook & SAMURAI](#)
- [Tango Sound Level Meter](#)
- [Tango Plus Sound Level Meter](#)
- [MUNISENCE \(Noise monitoring\)](#)



CTC Voltage and Voltage/ Tachometer Adapters

For CSI 2140 Data Collector

CTC is introducing a full line of voltage adapters for direct data input into the 8 socket "VOLTAGE" input of Emerson's Flagship data collector, the **CSI2140**.

The 8-pin connection on the 2140 has inputs for channel A, B, D, D, and a tachometer input as well. Voltage adapters for one, two, three or 4 channels are available.

The 4-channel adapter can eliminate the need for the bulky "batwing" adapter in certain applications, making for a lighter load when collecting data in the field. [Read More](#)

CTC Low Power Accelerometers

AC322-1A

Low Power Accelerometer, 25mV/g, Sensor, top exit three pin MIL connectors, for use with **wireless** systems.

AC322 with a 30-900,000 CPM ($\pm 3\text{dB}$) Frequency Response, ± 50 g, peak Dynamic Range and Maximum Temperature can achieve to 250°F (121°C). It is also available with integral Cables.

[Read More](#)

TA322

Dual Output, Temperature/Acceleration Top Exit M12 Connector, Low Power, 25 mV/g, 10 mV/°C.

TA322 with a 72-900,000 CPM ($\pm 3\text{dB}$) Frequency Response, ± 50 g, peak Dynamic Range. Its Temperature Range is between -58 to 250°F (-50 to 121°C)

[Read More](#)

About CTC

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

CTC INC. (Connection Technology Centre, INC.) are committed to being the world leader in the quality of vibration analysis products and services that they provide to their customers. Their Goal is, to continuously improve products and services and to provide superior value to customers. CTC products and services are designed to meet the real world demands of our customers' environment.

CTC aims to offer the widest variety of accelerometers and vibration analysis hardware products which are compatible with data collectors and online monitoring systems, as well as the tools for installation.

Related Products:

- [Accelerometers](#)
- [Cables and Connectors](#)
- [Signal Conditioner Enclosures](#)
- [Emerson/ CSI 2140 Compatible Cable Adapters](#)