S&V Samford Newsletter October 2016 Edition

COMPANY NEWS:

Headphone Seminar - 耳机声学研讨会

Next Generation "Hi-Res" Headphones Testing (R&D)
New G.R.A.S. Production Line Headphones Test System
高解析耳机声学测试方法 (包括蓝牙连接方法)

S&V Samford Instruments Ltd will hold a Headphone Seminar on **18th** Oct 2016 in **Beijing** and **20th** Oct in **Suzhou**.

Thank you **all the positive Response**. Only limited space is available now!!! If you are interested, **PLEASE APPLY NOW!**

感谢您们的积极响应，现在只剩下有限位置。如果您想参加，请尽快申请。

Read more with Application form 申请表

Good News!

S&V Samford Become the Official Distribution of SINUS!!

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

About the Speakers

Speakers:

Mr. Peter Wulf Andersen
(Owner of G.R.A.S Demark)

Mr. Steve Temme
(Company President of LISTEN INC.)

Mr. Mac Liu
(International Sales Manager of LISTEN USA)

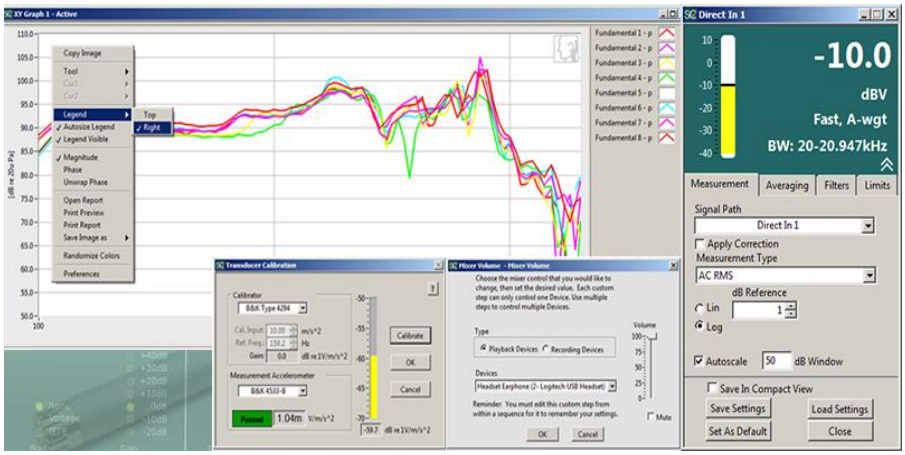
Products Related:
-Headphone Production Line Test
-Headphone and Headset Measurement
-SiNUS

Please Contact us:

Email:
sales@svsamford.com

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

ELECTRO-ACOUSTICS TESTING: SoundCheck Version 15 & Next Generation of Headphone Testing



SoundCheck Version 15

New features, technical specs, etc.

Good News! Listen, Inc**.** announce the release of SoundCheck Version 15. This release expands the testing capability of SoundCheck with additional external control, Calibration, audio mixing and hardware integration, and introduces the first in our redesigned virtual instruments, **the multimeter**.

More Powerful Control with TCP/ IP

External control of SoundCheck is simpler, now, the new TCP/IP control makes the external control even more powerful. This offers many **advantages over the previous Active** X controls, such as the ability to connect to SoundCheck via any programming language, on any operation systems, either locally or through a network. It also features a more powerful and expandable command format for interacting with SoundCheck. By using these features, a single computer can control multiple SoundCheck systems, simplifying production line measurements.

New Multimeter

The re-designed multimeter now offers two views, a compact 'meter' view, or an expanded detailed 'setting' view. In 'meter' view, a clear, simple level meter is displayed, which change color to warn of overload or near overload values. In the Expanded view, 4 different tabs for measurement, averaging, filters and limit setting are visible and options such as linear/log scale, filtering and weighting options, etc. can be selected.

Other enhancements include accelerometer calibration and force measurement to enable testing of linear motors such as those used in haptic devices, an improved plot legend with choice of placement, faster setup with a new 'auto-mode' in the hardware editor, better control of Bluetooth interfaces and an improved audio mixer.

Read More

About Listen. Inc.
https://www.listeninc.com/

Listen is a world leader in audio and electroacoustic test and measurement.

Founded in 1995, when its flagship product, SoundCheck® was launched, the company has pioneered electroacoustic measurement techniques for ***20 years*** and sets the standard in the marketplace with powerful and innovative test methods and algorithms, fast and flexible testing, and excellent service and customer support.

Listen invests heavily in R&D, regularly presenting papers on new measurement techniques at conferences and refining its algorithms to remain at the cutting edge of measurement technology.

Related Products:

-Product line Testing Chamber
-Head and Torso Simulator
-Mouth Simulator
-Ear Simulator

-Wireless Devices Measurement
-Bluetooth Measurement Interface
-All-in-one Audio Interface

Next Generation of Headphone Testing

Next Generation of Headphone Testing

-With New Improved Pinna, Low-noise Simulator

The Next Generation Headphone Testing with **New Improved Pinna**

The new pinna is based on **300+3D scans** of **Human ear canals,** which improved the shape of the pinna, cocha and ear canal. This design is very close to the human ear.

With the New Improved Pinna, there are **significant improvements** in fit, placement and seal. This mean fewer but **more precise** measurements, significant reduction in test-time and also provide absolute confidence in the data you captured.

43BB lownoise ear simulator

G.R.A.S. use the **most advanced l**ownoise transducer to lower the noise floor below the threshold of human hearing to truly capture all the sound. It allows to **Measure everything the human ears can hear.**

43BB White Paper

Better Low frequency testing and high frequency testing

The New Pinna allows for Better Measurement in both **High** or **Low** Frequency. Base on its **accuracy**, you can reduce the test time!!

Read more

KEMAR Would be also shown in our HEADPHONE SEMINAR

For more details, please contact our team sales@svsamford.com

About G.R.A.S
http://www.gras.dk/

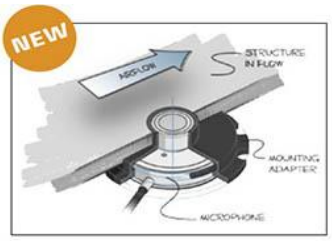
Establishment in 1994.
G.R.A.S. have been 100% dedicated to developing and manufacturing ***high-quality measurement microphones*** and related acoustic equipment.

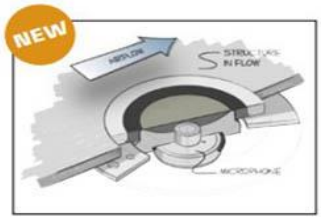
G.R.A.S founded by the Danish acoustics pioneer *Gunnar Rasmussen* who for more than 60 years has contributed to the world of sound and vibration with his unique ideas and designs.

Related Products:
-Product line Testing Chamber
-Mouth Simulator
-Ear Simulator

-Wireless Devices Measurement
-Bluetooth Measurement Interface
-All-in-one Audio Interface

Aeroacoustics:





The Aeroacoustics Toolbox:

-Aerospace - Automotive - Rail transportation

G.R.A.S has developed a wide range of acoustic sensors and dedicated accessories for testing in both anechoic and hard-walled wind tunnels in the near and far field

Flush-mount microphones

The NEW line of acoustic sensors combined the high precision and reliability of G.R.A.S. measurement microphones with the need for fitting sensors into very confined spaces and narrow structures, e.g. in acoustic antennas' and beams. With an installation height of less than 10mm and thin coax wiring, the flush-mount series can be integrated into literally any design without sacrificing aero-dynamic properties.

Flush-mount Turbulence Screen

The NEW G.R.A.S. Turbulence Screen is the latest innovation for aeroacoustics testing in solid-walled wind tunnels. By attenuating the hydrodynamic component of turbulence up to as much as 25dB, the acoustics signals of interest can now be identifying and diagnosed with a much more reliable solution. The Flush-mount turbulence screen integrates the flush and recessed mounting techniques with a special wire mesh into one single unit, and allows for adaptation of several mounting option.

Turbulence attenuation:	**up to 25dB**
Turbulence speed:	**up to Mach 0.2**
Frequency range:	**500 Hz – 10kHz**
Acoustic attenuation:	**Less than 3 dB**
Approach:	**+/- 60 Deg**
Frequency range:	**100 Hz - 70kHz**
Dynamic range:	**44dB(A) – 166dB**
Venting:	**Front**

Read more

For more details, please contact our team sales@svsamford.com

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Related Products:
-Turbulence Screen
-Sound Intensity Probe - MEZZO

Related Industries:
-Aeroacoustics
-Automotive
-Rail transportation

Application: Noise Source Location System

Locating The Noise Source
-MEZZO Intensity Probe

The MEZZO Intensity Probe provides an **innovative** and **cost-effective solution** for **sound intensity measurements**. More than just a DAQ system, the DSP embedded in each MEZZO Intensity Probe ensures **real-time** signal processing.

Designed to be used **with a tablet PC**, the MEZZO Intensity Probe benefits from the **versatility and flexibility** provided by computers. This approach allows the MEZZO Intensity Analyzer Module to be offered at a very competitive price.

Besides, **The MEZZO Intensity Analyzer Module** (Software) is the perfect tool for everyday sound intensity measurements. With standard 1/1, 1/3, 1/24 octave real-time digital filters and FFT analysis, the Mezzo Intensity Analyzer Module provides professional results with ease.

Read More

For more details, please contact our team sales@svsamford.com

About SoftdB
http://www.softdb.com/

Soft dB is a company offer specialized services and products in acoustic and vibration.

With the multidisciplinary team of engineers and technicians, specialized training, and more than 50 years if combined experience in the field of acoustics and signal treatment, Soft dB offers an expertise recognized in Canada as well as abroad.

Related Products:
- I- Track System
- MEZZO Precision Microphone
- MEZZO Software

NEW PRODUCTS:

CorDEX Intrinsically Safe Digital Camera

-TOUGHPIX II

CorDEX believes in the phrase “a picture says a thousand words”. You need a digital camera that’s tough, because that’s the world you work in. You need a digital camera that will shake off the trials of working in a hazardous location and still keep functioning.

Whether it be a thermal image or a high resolution digital image, CorDEX cameras are designed to save you time and money, whilst keeping you safe.

CorDEX Digital Cameras are Certified with ATEX and IECEx for Zone 1 IIB+H2 T6 explosive (vapour) atmospheres 16 megapixel SLR style with the armored 2.7" LCD screen.

It is a light weight and high quality digital camera. Contains 16GB memory.

Read More (中文版按此)

For more details, please contact our team sales@svsamford.com

About CorDEX
http://www.cord-ex.com/

CorDEX are leaders in the innovation and manufacture of instruments used every day in the hazardous environments, which makes CorDEX as the authority in Intrinsically Safe Instrumentation.

CorDEX invest in product development and certification to make sure customers have the confidence that you need to stay safe. Therefore, CorDEX offer more than just safe, performance and accuracy but also give customers the confidence to do the job.

Related Products:
-Infrared Camera
-Thickness Gauge UT5000
-Intrinsically Safe work light
-Flash Light
-Work Lantern
-Smart Infrared Windows

Happy Halloween ☺ See You