

S&V Newsletter

Feb 2021

S&V Samford Instruments Ltd.

www.svsamford.com

We are devoted to provide innovative and quality solutions for Customers with interest in Sound and Vibration, Condition monitoring, Electro-Acoustics: R&D/ Production line QC/ QA testing, and Mechanical measurements - Force Torque, RPM, etc. With a team of passionate professionals, we provide dedicated support and continue education to our customers.

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Dear Customers,

Welcome to our Monthly Newsletter

Advanced Energy – Ventilation Measurement System & Analyzer Innova1512 & Innova 1403 (with Advanced Ventilation Software)

Ventilation system is a typical air-exchange analysis system that aim to determine the size of the air-exchange in the mechanically ventilated room. With the Innova 7651 Advanced Ventilation software, Innova 1512 or a 1412i Photoacoustic Gas Monitor and a 1403 Multipoint Sampler and Doser unit are able to Delivery of tracer gas to up to three locations for ventilation and air-exchange analysis.



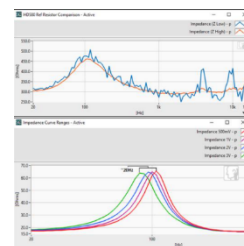
[Application notes of ventilation measurement](#)

[DataSheet – Innova 1403](#)

[Read More](#)

Listen Inc. – Impedance measurements Guidelines

Loudspeaker impedance measurements are made for many reasons. In the R&D lab, these range from the simple task of identifying a speaker's resonant frequency to more complex functions such as calculating the speaker's Thiele-Small parameters. On the production line, impedance measurement is a key quality control parameter that verifies that the speaker's motor properties are correct, that the magnet is charged correctly, the voice coil number of turns is correct and that the moving mass (cone and voice coil) is within specification.



[Full Version Guidelines](#)

[More Details for SoundCheck 18](#)