

# S&V Newsletter

September 2023

S&V Samford Instruments Ltd.

[www.svsamford.com](http://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



## Listen Inc – **New** Enhanced Loose Particles(eLP) Algorithm

This new algorithm offers accurate transient distortion measurements, even in the presence of background noise. This algorithm is highly accurate, as well as easy to configure and set limits. Results are easily correlated to audibility by listening to the loose particles in the recorded waveform. This analysis method is inherently reliable in a factory environment as external background noise events typically only occur once or twice during a measurement, whereas many loose particle transients will occur during the same timeframe. The event count is user-determined, and is set according to the background noise in the measurement environment. Prominence threshold and loose particle count are the only parameters that the user needs to define, so limit setting is simple, well correlated to audibility, and can be configured to give reliable results even when background noise is present. [Click here to read more](#)



Related Webinar: <https://www.youtube.com/watch?v=Ey7LEliZCXw>

**SoundCheck 21 features:** <https://www.youtube.com/watch?v=a6gkJ7eS>

## ONDA – RFB-2000 Radiation Force Balance

Designed specifically for easy Ultrasound Power measurements on medical devices, the RFB-2000 requires little maintenance and no complex correction factors, and is compliant with regulatory requirements including AIUM-NEMA UD-2, UD-3, IEC 61161, and with associated IEC standards. Automation assures reliable means to validate Acoustic Output measurements as recommended by AIUM-NEMA document UD-2.



## Key Features and Benefits

- Calibrated total acoustic power measurements traceable to national laboratory
- Easy-to-use software with transparent top-loading configuration
- Insensitive to water level and auto-correction to temperature.
- Wide range of power levels for diagnostic, physiotherapy, and HIFU applicationsSimple particle and DI filter replacement
- Flexible software to support Engineering and Production environments

[Contact us for more details](#) [Click here for details](#)