

## Measurement Partner Transforms Acoustical Consulting

Brüel & Kjær Sound & Vibration Measurement A/S supplies integrated solutions for the measurement and analysis of sound and vibration. As a world-leader in sound and vibration measurement and analysis, they use their core competences to help industry and governments solve their sound and vibration challenges. **Josts has had the privilege of representing Bruel and Kjaer in India for more than 60 years providing products and solutions to aerospace, defense, automotive, engineering and research laboratories in India**

### For Measurement Partners

Brüel & Kjær's Measurement Partner Suite post-processing software and Type 2250 family of sound level meters have been updated to make measuring sound and vibration easier for environmental consultants.

### Key enhancements include

- Support of ISO 1996:2007 measurement uncertainty
- A turnkey solution for BS 4142:2014 users Improved vibration measurement capabilities
- Higher Channel Density

Measurement Partner Suite has been improved to support measurement uncertainty according to ISO 1996:2007. With the software's guidance, acousticians are helped through the difficult task of estimating their measurement uncertainty due to instrumentation, operating conditions, ground and weather conditions - and residual sound.

The turnkey software has also been enhanced to support BS 4142:2014, the British standard governing the way environmental assessments are performed in the UK. It now simplifies calculating and reporting rating levels (including objective tone and impulse assessments) when assessing industrial and commercial noise, measuring sound levels at proposed new residential dwellings and investigating complaints.

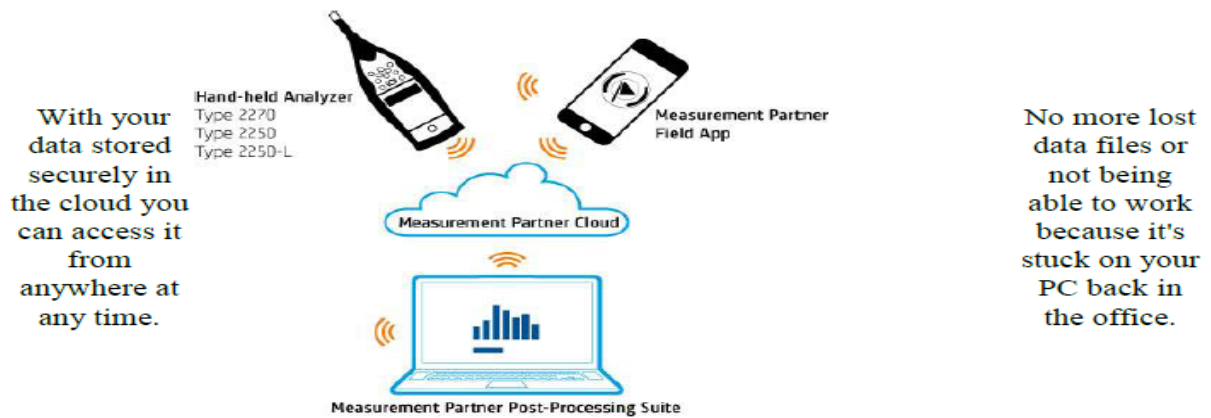
In addition to these improvements, Type 2250 and Type 2270 portable sound level and vibration meters have been updated to measure peak particle velocity and vibration criteria. Peak particle velocity is measured on sites where activities may damage surrounding structures. Vibration criteria are specified parameters environmental consultants must consider when surveying potential locations for vibration-sensitive machines.

"Keeping up with changes to standards can be difficult for environmental consultants. Our updates will deliver a new class of leading-edge functionality in one complete system," said Brüel & Kjær Environmental Measurement Market Manager Mike Turner. "We've expanded our platform to cover more of the tasks our customers face when meeting standards and overcoming sound and vibration measurement challenges."

Measurement Partner is a comprehensive, state-of-the-art platform that supports acousticians throughout the entire sound measurement process. Elements include Wi-Fi enabled sound level meters, post-processing software, cloud storage, a smartphone field app and an online community



- **Measurement Partner Cloud**





The cloud works seamlessly with the Field App and Measurement Partner Suite to speed you through measurement analysis to draw the conclusions you need to efficiently deliver outcomes to your client.

To help you work even better you can share the files instantly with anyone else on the planet.

Our sound level meters enable you to precisely measure and easily analyze noise for increased efficiency and productivity. The wide range of noise meters allow you to reliably and confidently collect data, conduct in-depth analysis and eliminate errors. Our portable sound measurement equipment is application based, so you only purchase what you need now - expanding it in the future should you need to add capabilities. **We offer numerous applications for a variety of situations, including environmental analysis, building acoustics, noise at work/occupational health, vibration measurements and noise source identification and ranking**

Tightly integrated with our [Measurement Partner](#) sound level meter platform, our analyzers and accessories comprise all you need to get your measurement job done well and quickly.

Offering Class 1 measurement accuracy, Brüel & Kjær's environmentally stable sound level meters are the only instruments you'll ever need. And, our range of additional options and accessories (such as outdoor noise monitoring equipment and services for sound level meter calibration), provide you with a complete solution that supports you into the future.

Brüel & Kjær invented the handheld sound level meter and we continue to deliver solutions based on unrivaled industry knowledge and expertise. Today, we offer the world's best integrating sound level meter – the Type 2250. All of our sound level meters comply with national and international standards.

## Innovative Solutions

At Brüel & Kjær we have always set standards – from the first range of measurement microphones to the first multi-analyzer, the first real-time acoustic holography system and the first battery-powered sound intensity analyzer. The technical developments have been driven by close collaboration with our customers. We focus on our customers' needs to supply the whole measurement chain – from a single transducer to complete turnkey systems. We maintain alliances with suppliers that enable us to deliver newer and more efficient ways for our customers to improve their products' quality and stay competitive. Technology has no limits – if our customers can imagine it, we will strive to develop it.

## Top Quality

In all aspects of sound and vibration there are challenges to be met. For example, ensuring that the car, bus or train for your daily commute can withstand the mechanical shocks it will experience demands measurements of great accuracy and precision. This requires instruments with the performance and quality to match. All our products are thoroughly tested, often in the harshest environmental conditions. Extremely high standards are met in all aspects of product and service provision, as reflected in our status as an ISO 9001 certified company.

## Training Courses

Educating and training customers is part of the Brüel & Kjær tradition. We focus on educating and equipping the course participants with the necessary sound and vibration knowledge and skills. Our global educational programme offers modular courses and training that cover theory, applications and instrumentation.

Josts has been partnering growth over a range of business verticals across India for over a hundred years now. Driven by our vision of being at the forefront of India's industrial development, we help empower Indian industries with cutting edge technology in our chosen business areas - material handling, industrial finishing and engineered products. Today, our track record of many engineering firsts and pioneering breakthroughs, and a slew of national and international performance awards, is ample testimony to the continuing excellence of our endeavours. Admittedly it's been a long and challenging path, and often down the route less travelled, but it has also been an exciting journey of constant innovation, lit up at frequent intervals by the glow of satisfied customers that we have left in our wake. With Headquarters in Mumbai, the financial capital of India, and branches spread across multiple locations that cater to strategic markets, Josts can easily reach out to customers in any part of the country in the shortest possible time frames. Today Josts offices located all over India, provide solutions to the Power, Oil and Gas, Defence, Aerospace & Space, Automobile and many other critical sectors.

**A partnership with Bruel & Kjaer for more than 60 years makes us the pioneers in Sound and Vibration, in India.**

**MEET US ON APRIL 20-22 CHENNAI  
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**automotive  
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**For further details please contact us at :**



Since 1907

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