

## Accelerometers – The Truth and More

ONLINE September 20<sup>th</sup> 2023

Introduced by NDO Consultants Ltd. in association with Vibration-Test.com

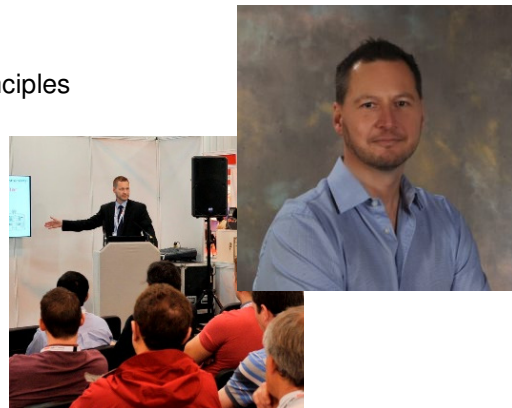
This seminar is aimed at:

- Engineers who are new to using accelerometers for vibration measurement
- Engineers who are associated with the testing world whilst not actually involved with testing
- Test engineers who have experience without a full understanding of accelerometer design and use
- Design Engineers, Managers, Product specifiers

The primary aim of this seminar is to provide valuable practical information to engineers and managers, to improve their understanding and application and use of accelerometers, how they should be selected for different applications and how to maximise the accuracy of data from the sensor.

This seminar will cover the following topics:

- Introduction
- A brief history of key vibration measurement principles
- The principles of accelerometer operation
- Types of Accelerometer, PE, IEPE, MEMS
- Accelerometer selection
- Importance of correct cable use
- Cable types
- Dealing with noise and noise sources
- Accelerometer mounting
- Associated instrumentation



About the presenter:

*Neill Ovenden avoids the term 'veteran' of the testing industry but after 35 years it is inevitable. Starting as a test engineer in the Aerospace industry he progressed to work in the Defence, Automotive, Electronics and Industrial sectors within the product test and development field, throughout this time his work involved the use of accelerometers, vibration shakers, analysis equipment, explosives, environmental and most other testing regimes. After a move into the world of technical sales & marketing with Data Physics, LMS and others, he progressed into manufacturing with 10 years as Managing Director of accelerometer manufacturer DJB Instruments and is now Managing Director of Kemo Limited, manufacturing electronic filters, signal conditioning cables and accelerometers. Since 2007 he has also run his own consultancy and training company, specialising in training on site and at organised events in topics such as Vibration Testing, Accelerometers, Modal Analysis and Signal Processing.*

Course cost will be £50+VAT per delegate.

**September 20<sup>th</sup> 2023 – 9:30AM(UTC)**

Start 9:30am till 11:30am (approx.)

This will be presented online via TEAMS Webinar, once you have booked and paid we will send a formal seminar invite to allow you to login for the event.

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Please book..... places on Accelerometer Training seminar @ £50+vat per delegate 20<sup>th</sup>  
September 2023 (09:30 AM-UTC/GMT)

**TOTAL COST £..... +VAT**

Delegate Names	Email Address	AM/PM
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Company Name:..... Telephone No:.....

Address:.....

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Town .....

County .....

Postcode .....

Company Order No. ....

Signature of Delegate or Company representative .....

Please print name ..... Position .....

NDO Consultants reserves the right to make alterations to the published agenda.

***Cancellations must be made more than 21 days prior to the event, any cancellation after this time will be subject to full charge and NO Refund***

Please send completed booking form to [info@ndoconsultants.com](mailto:info@ndoconsultants.com)