

## Accelerometers – The Truth and More

Tuesday November 23<sup>rd</sup> 2021

MIRA Technology Institute, Nuneaton, CV10 0UX

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
- 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
- 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 murky world of technical sales & marketing with Data Physics, LMS and others, his most recent period of 10 years was as Managing Director of the UK’s only test and measurement accelerometer manufacturer DJB Instruments. As well as his work with DJB, he has also run his own consultancy and training company since 2007, specialising in training on site and at organised events.*

We will be running two sessions of this course to maximise the available spaces, see below for details: Course cost will be £100+VAT per delegate, this is for one session, maximum of 25 per session.

### SESSION 1

23<sup>rd</sup> November 2021  
MIRA Technology Institute  
Room 1.5  
Start 9:30am till 11:30am (approx.)

Please come armed with questions and anything about applications you would like answered.

### SESSION 2

23<sup>rd</sup> November 2021  
MIRA Technology Institute  
Room 1.5  
Start 14:00pm till 16:00pm (approx.)

Please come armed with questions and anything about applications you would like answered.



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Please book..... places on Accelerometer Training seminar @ £100+vat per delegate.

Select Session:    Session 1 (AM).....                      Session 2 (PM).....

**TOTAL COST £..... +VAT**

Delegate Names	Email Address	AM/PM
.....	.....	
.....	.....	
.....	.....	
.....	.....	

Company Name:.....    Telephone No:.....

Address:.....

.....

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)