

## The Practical Basics of Vibration Shaker Testing

Tuesday November 3<sup>rd</sup> 2026

MIRA Technology Institute, Nuneaton, Warwickshire, CV10 0UX

Introduced by NDO Consultants Ltd. in association with Data Physics UK Ltd

This seminar is aimed at:

- Engineers who are new to the field of Vibration Shaker Testing
- Engineers who are associated with the testing world whilst not actually involved with testing
- Test engineers who have experience without a full understanding of what they are doing
- 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 of Vibration Shaker testing in project and product programmes.

This Shaker Testing seminar will cover the following areas:

- Introduction and overview of Vibration Shaker testing and its equipment, methods and purpose.
- Shaker construction details, limits and uses
- Common problems and errors when setting up shaker testing, best practice advice,
- Fixture Design
- Sine, Random and Classical Shock control
- Practical demonstration of best practice and effects of bad set up, Sine, Random and Classical Shock testing

We have gathered together subject specialists and engineers of many years test experience, from a range of testing backgrounds.

Course fees include lunch, refreshments and full course notes the seminar cost will be £210 per delegate. The places are limited so please book early by completing and sending the attached booking form along with your order number to [info@ndoconsultants.com](mailto:info@ndoconsultants.com)

## Seminar Agenda

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| 8.30 – 9.00   | Arrival/Registration                                                                                   |
| 9.00 - 10.00  | Basics of Vibration Signal Processing – <i>Ian Strath – DataPhysics UK</i>                             |
| 10.00 – 11.00 | Shaker testing basics – <i>Geoff Murphy – Vibration Test Consultant</i>                                |
| 11.00 – 11.15 | Refreshments                                                                                           |
| 11.15 – 12.00 | Shaker testing basics – <i>Geoff Murphy – Vibration Test Consultant</i>                                |
| 12.00 – 12.45 | The truth about Accelerometers – <i>Neill Ovenden – NDO Consultants Ltd/Kemo Ltd</i>                   |
| 12.45 – 13.30 | Lunch                                                                                                  |
| 13.30 – 14.30 | Fixture Design – <i>Ian Strath – Data Physics UK</i>                                                   |
| 14.30 – 15.30 | Practical set up of Shaker tests – Sine, Rand, Shock – <i>Geoff Murphy – Vibration Test Consultant</i> |
| 15:30 – 15.45 | Refreshments                                                                                           |
| 15.45 – 16.30 | Practical set up of Shaker tests – Sine, Rand, Shock – <i>Geoff Murphy – Vibration Test Consultant</i> |



***Booking for One day Seminar***  
***The Practical Basics of Vibration Shaker Testing***  
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Please book..... places on Shaker Testing seminar @ £210+vat per delegate.

Cost £..... VAT (20%)..... **TOTAL COST £.....**

| Delegate Names | Email Address |
|----------------|---------------|
| .....          | .....         |
| .....          | .....         |
| .....          | .....         |
| .....          | .....         |

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.

Any special dietary requirements must be included with the booking form, whilst we can not guarantee to be able to meet these, all food served will be clearly labelled.

***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)