

2015

Practical Courses in Strain Measurement



2-Day Strain Gauge (£495 + VAT)

10-11 February | 21-22 April | 19-20 May
14-15 July | 15-16 September | 17-18 November

Introduction to Strain Gauges and their terminology.

The Wheatstone Bridge and its use.

Surface preparation techniques— practical session which includes the bonding of gauges with a cyanoacrylate adhesive.

Use of other adhesive systems with strain gauges, cold and heat curing epoxies.

Leadwire attachment techniques followed by a practical session.

Gauge checkout, background and practical session which involves the testing of gauge installations.

Selection of leadwires, solders and coatings.

Other strain gauge/measurement systems.



"PRICES HELD SINCE 2005"

Price includes all course notes and workshop slideshows.

All of our courses can be arranged either here in Basingstoke or at a place and time suited to individual or corporate requirements and tailored to meet specific needs.

Instrumentation Day (£270 + VAT)

12 February | 21 May | 16 July | 19 November

Basic Systems and the Wheatstone Bridge.

Multiple Channel Systems.

Signal to Noise Ratio.

A/D Converters.

Dynamic Data Acquisition.

Aliasing and Filters.

Constant Voltage and Constant Current.

Leadwire Effects.

Instrument Calibration and Linearity.



Transducer Day (£270 + VAT)

23 April | 17 September

Basic Wheatstone Bridge.

Bending, Tension/Compression, Shear & Torsion Measurements.

Materials Choice.

Choice of Gauges and Adhesives.

Bonding and Wiring (practical sessions).

Simple Compensation Techniques.

Testing and Protection.

Calibration.



Vishay Measurements Group UK Ltd

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micro-measurements.com

MICRO
MEASUREMENTS
A VPG Brand

WORKSHOP

- Strain Gauge
- Instrumentation
- Transducer

Dates _____

VENUE

VISHAY MEASUREMENTS GROUP UK LIMITED
 Stroudley Road, Basingstoke, Hampshire, RG24 8FW

EARLY BOOKING OF LOCAL ACCOMMODATION IS ESSENTIAL

- Please contact me to arrange accommodation on my behalf.
- Please send me details of recommended hotels so that I may make my own arrangements.
- I do not require local accommodation.

HOW TO REGISTER

Spaces are strictly limited—please register early by:

- Tel:** Call Catherine Kearns on **01256 859432** to check availability and/or provisionally reserve your place.
- Post:** Complete and return this form with payment to:
Catherine Kearns,
Vishay Measurements Group UK Ltd
Stroudley Road, Basingstoke,
Hampshire, RG24 8FW
or
 complete and email this form to:
catherine.kearns@vpgsensors.com
 quoting an official purchase order number.

NOTES

Registration can only be confirmed if completed registration form is accompanied by payment and/or an official purchase order number.

On receipt of your booking form an instruction letter and VAT invoice will be forwarded.

Payment must be received prior to the training workshops.

Cancellations within two weeks of the workshop will not be refundable. If informed within two weeks, we will allow transfer to the next workshop date only. Substitutes may be made but we must be informed within two days of the start of the workshop.

Cheques should be made payable to VISHAY MEASUREMENTS GROUP UK LIMITED.

Lunch, tea/coffee and course notes are all included in the registration fee.

Safety equipment will be provided in accordance with COSHH regulations.

Vishay Measurements Group UK Limited reserves the right to change or cancel any part of these programmes.

CONTACT DETAILS

Delegates Name _____
 Job Title _____
 Company _____
 Department _____
 Address _____

 Town _____
 County _____ Postcode _____
 Telephone _____
 Fax _____
 Email _____

INVOICE DETAILS

Name _____
 Address _____

 Town _____
 County _____ Postcode _____
 Telephone _____
 Fax _____
 Email _____

PAYMENT (PLEASE TICK)

- Registration Fee enclosed.
 Amount (+20% VAT) £ _____
- Official Purchase Order No. _____
- Payment by Credit Card
- VISA ACCESS
- EUROCARD MASTERCARD

Card Number _____

Expiry Date _____ CVC No. _____

Amount to be debited £ _____

Card Holder's Name and Address _____

Signature _____

Date _____