



# CALIBRATION PRICING

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## General Electrical Test Equipment

| Description                                   | RS STD  | UKAS    | Standard functions tested            | Limitation        |
|---|---------|---------|--------------------------------------|-------------------|
| Multimeter <= 4.5 digit                       | £46.50  | £70.50  | Voltage, Current & Resistance        | 1kV, 20A, 1Gohm   |
| Multimeter > 4.75 digit                       | £70.50  | £91.00  | Voltage, Current & Resistance        | 1kV, 20A, 1Gohm   |
| Multimeter > 5.5 digit                        | £96.00  | £133.50 | Voltage, Current & Resistance        |                   |
| Voltage Testers / Proving Units               | £42.00  | -       | AC/DC Voltage                        | Max. 3 phase 415  |
| Socket Testers                                | £53.00  | -       | Phase sequence & fault conditions    | No UKAS service   |
| Clamp Meters                                  | £53.00  | £75.00  | Current, Voltage & Resistance        | 2500A, 1kV, 1Gohm |
| Current Probes                                | £53.00  | £75.00  | Power, Current, Voltage & Resistance | 2500A             |
| Power Clamps                                  | £75.00  | -       | Power, Current, Voltage & Resistance | 2500A, 1kV, 1Gohm |
| Power Analysers                               | £107.00 | -       | Power, Current, Voltage & Resistance | 2500A, 1kV, 1Gohm |
| RCD Testers                                   | £53.00  | £75.00  | AC voltage, trip time & current      | No DC tests       |
| Earth Loop Impedance Testers                  | £53.00  | £75.00  | Loop resistance accuracy             | 1000 ohm          |
| Phase / Continuity Testers                    | £53.00  | -       | Phase sequence & fault conditions    | No PN, PE only    |
| Insulation Testers                            | £53.00  | £75.00  | Insulation voltage & resistance      | 1kV, 1 Gohm       |
| Multifunction Electrical Installation Testers | £102.00 | £129.00 | Insulation, RCD & loop functions     | n/a               |
| PAT Testers                                   | £82.00  | £118.50 | Resistance and current functions     | 240 V only        |
| Bench Power Supplies                          | £53.00  | £75.00  | Voltage & DC current accuracy        | DC only, 100A max |

## General Electronic Test Equipment

| Description                               | RS STD  | UKAS    | Standard functions tested                   | Limitation      |
|---|---------|---------|---|-----------------|
| Oscilloscopes 1 or 2 Channel              | £91.00  | £123.00 | Bandwidth, Gain & Timebase                  | UKAS to 1 Ghz   |
| Oscilloscopes 4 Channel                   | £102.00 | £136.50 | Bandwidth, Gain & Timebase                  | UKAS to 1 Ghz   |
| Oscilloscopes 8+ Channel                  | £123.00 | £158.00 | Bandwidth, Gain & Timebase                  | UKAS to 1 Ghz   |
| Oscilloscopes Hand Held                   | £102.00 | £136.50 | Bandwidth, Gain, Timebase & DMM functions   | UKAS to 1 Ghz   |
| Oscilloscopes Hand Held 4 Channel         | £123.00 | £158.00 | Bandwidth, Gain, Timebase & DMM functions   | UKAS to 1 Ghz   |
| Signal/Frequency Generation - 1 Channel   | £76.00  | -       | Frequency, Amplitude & Timebase             | No UKAS service |
| Signal/Frequency Generation - 2 Channel   | £91.00  | -       | Frequency, Amplitude & Timebase             | No UKAS service |
| Signal/Frequency Generation - 4 Channel   | £123.00 | -       | Frequency, Amplitude & Timebase             | No UKAS service |
| Frequency Counters                        | £53.00  | £92.00  | Frequency accuracy                          | 6 Ghz           |
| Arbitrary Waveform Generators - 1 Channel | £99.00  | -       | Frequency, Amplitude, Timebase & Distortion | No UKAS service |
| Arbitrary Waveform Generators - 2 Channel | £136.50 | -       | Frequency, Amplitude, Timebase & Distortion | No UKAS service |

## Environmental Test Equipment

| Description                                  | RS STD  | UKAS    | Standard functions tested           | Limitation          |
|--|---------|---------|-------------------------------------|---------------------|
| Temperature Indicators - Electrical          | £60.00  | £81.00  | Scale linearity, typically type K   | -200°C to 1500°C    |
| SysCal (Indicator Charge) - also order probe | £60.00  | £81.00  | -20°C, 0°C, 100°C & 190°C           | -20°C to 500°C      |
| SysCal (Probe charge) - also order indicator | £29.50  | £38.00  | -20°C, 0°C, 100°C & 190°C           | -20°C to 500°C      |
| SysCal - Additional Probes                   | £70.50  | £86.50  | -20°C, 0°C, 100°C & 190°C           | -20°C to 500°C      |
| SysCal - Additional Points                   | £22.00  | £27.00  | Points between -20°C to 500°C       | -20°C to 500°C      |
| Non Contact -(Infra Red)                     | £103.50 | -       | Scale Accuracy (4 points)           | 30°C to 500°C       |
| Thermal Imager                               | £103.50 | -       | Scale Accuracy (4 points)           | 30°C to 500°C       |
| Hygrometers                                  | £116.50 | £161.00 | 30%rh, 50%rh, 75%rh @ 23°C          | 25%rh to 85%rh      |
| Hygrometers - additional points              | £32.50  | £43.00  | Points between 25%rh to 85%rh       | 25%rh to 85%rh      |
| Sound / Noise                                | £75.00  | -       | Frequency response, 31.5Hz to 16kHz | 94 dB & 114 dB only |
| Light/Lux meters                             | £86.50  | -       | ~ 13 lx, 130 lx, 1.4 klx & 15 klx   | 16 klux maximum     |
| Gas Detectors                                | £75.00  | -       | O(2) CO, H(2)S & CH(4)              | Crowcon only        |
| Stop Watches                                 | £46.50  | £75.00  | Seconds, minutes, hour              | n/a                 |

## Component / Calibration Test Equipment

| Description                            | RS STD | UKAS    | Standard functions tested              | Limitation            |
|--|--------|---------|--|-----------------------|
| Temperature Calibration and Simulation | £82.00 | £136.50 | Scale linearity, typically type K      | No N, R & S types     |
| Multifunction / Process Calibrators    | £82.00 | £136.50 | Accuracy for Type K, mV, RTD & Current | No N, R & S types     |
| Current/Voltage Sources                | £53.00 | £75.00  | Accuracy for mA, mV, & voltage         | n/a                   |
| Loop Calibrators                       | £53.00 | £75.00  | Accuracy for mA, mV, & voltage         | n/a                   |
| ESD Test Equipment                     | £53.00 | -       | Resistance accuracy & functionality    | 1 Gohm                |
| LCR Meters                             | £70.50 | -       | Range accuracy                         | Max 100uF, 1Gohm & 1H |
| Decade Boxes                           | £91.00 | £124.00 | 4 wire below 100kohm, 2 wire above     | 100 Mohm maximum      |
| Low Ohm Meter                          | £70.50 | -       | Scale accuracy, decade values          | 0.001 ohm minimum     |
| Tachometer - Optical Only              | £61.00 | -       | Calculated RPM                         | Optical only          |

## Dimensional Test Equipment

| Description                   | RS STD | UKAS   | Standard functions tested                 | Limitation               |
|-------------------------------|--------|--------|---|--------------------------|
| Tape Measure up to 5 Meters   | £49.50 | -      | Scale accuracy                            | Metal tapes only         |
| Tape Measure up to 10 Meters  | £75.00 | -      | Scale accuracy                            | Metal tapes only         |
| Road Measuring Wheels         | -      | £65.00 | Diameter of wheel, count over 25m         | 600mm max diameter       |
| Steel Rules – up to 600mm     | -      | £38.00 | Accuracy of top edge, squareness of datum | n/a                      |
| Steel Rules 600 to 1200 mm    | -      | £49.50 | Accuracy of top edge, squareness of datum | 1200mm                   |
| Calipers                      | -      | £38.00 | Scale, parallelism of jaws                | 600mm limit              |
| Micrometers                   | -      | £38.00 | Scale, flatness & parallelism of anvils   | 300mm limit              |
| Dial Indicators               | -      | £38.00 | Scale accuracy & repeatability            | 0.001mm resolution       |
| Feeler Gauges                 | -      | £38.00 | 13 blades standard set, +£3/blade over    | To DIN2275/Specification |
| Height Gauges                 | -      | £49.50 | Scale accuracy, flatness of base          | 600mm limit              |
| Depth Gauges                  | -      | £38.00 | Scale accuracy, flatness of base / datum  | 300mm limit              |
| Thickness gauge               | -      | £38.00 | Scale accuracy.                           | No ultrasonic testers    |
| Spirit level                  | £38.00 | -      | Accuracy of level                         | n/a                      |
| Weighing scales up to 100kg   | £53.00 | -      | Scales accuracy, Eccentric loading        | F1 / M1 masters          |
| Weighing scales up to 350kg   | £61.00 | -      | Scales accuracy, Eccentric loading        | M1 masters               |
| Force Gauges & Hanging scales | £99.00 | -      | Compression & tension                     | 250 kg (M1)              |

## Pressure / Torque Test Equipment

| Description                                    | RS STD | UKAS   | Standard functions tested          | Limitation            |
|--|--------|--------|------------------------------------|-----------------------|
| Gauges - Analogue                              | £61.00 | £91.00 | Scale accuracy                     | 1000 bar              |
| Gauges – Digital                               | £61.00 | £91.00 | Scale accuracy                     | 700 bar               |
| Manometers                                     | £61.00 | -      | Scale accuracy                     | 30 mbar to 70 bar     |
| Calibrators                                    | £99.00 | -      | Scale accuracy                     | -1 to 70 bar          |
| Transducers                                    | £86.50 | -      | Scale accuracy                     | 600 bar               |
| Torques Wrenches                               | £46.50 | -      | Scale accuracy under ISO 6789:2003 | 13.5 cN.m to 1000 N.m |
| Analogue Torques Analysers (MHH & Gedore Only) | £46.50 | -      | Scale accuracy                     | 1.3 N.m to 13.5 N.m   |



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