



# RS Calibration Pricing

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## General Electrical Test Equipment

Description	RS STD	UKAS Standard functions tested	Limitation
Multimeter <= 4.5 digit	£43.50	£66.00 Voltage, Current & Resistance	1kV, 20A, 100 Mohm
Multimeter > 4.75 digit	£66.00	£85.00 Voltage, Current & Resistance	1kV, 20A, 100 Mohm
Multimeter>5.5 digit	£90.00	£125.00 Voltage, Current & Resistance	1kV, 20A, 100 Mohm
Voltage Testers / Proving Units	£39.50	- AC/DC Voltage	Max. 3 phase 415 supply
Socket Testers	£49.50	- Phase sequence & fault conditions	No UKAS service
Clamp Meters	£49.50	£70.00 Current, Voltage & Resistance	2500A, 1kV, 100 Mohm
Current Probes	£49.50	£70.00 Power, Current, Voltage & Resistance	2500A
Power Clamps	£70.00	- Power, Current, Voltage & Resistance	2500A, 1kV, 100 Mohm
Power Analysers	£100.00	- Power, Current, Voltage & Resistance	2500A, 1kV, 100 Mohm
RCD Testers	£49.50	£70.00 AC voltage, trip time & current	No DC tests
Earth Loop Impedance Testers	£49.50	£70.00 Loop resistance accuracy	1000 ohm
Phase / Continuity Testers	£49.50	- Phase sequence & fault conditions	No PN, PE only
Insulation Testers	£49.50	£70.00 Insulation voltage & resistance	1kV, 1 Gohm
Multifunction Electrical Installation Testers	£96.00	£121.00 Insulation, RCD & loop functions	n/a
PAT Testers	£78.00	£111.00 Resistance and current functions	240 V only
Bench Power Supplies	£49.50	£70.00 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	£85.00	£115.00 Bandwidth, Gain & Timebase	UKAS to 1 Ghz
Oscilloscopes 4 Channel	£96.00	£128.00 Bandwidth, Gain & Timebase	UKAS to 1 Ghz
Oscilloscopes 8+ Channel	£115.00	£148.00 Bandwidth, Gain & Timebase	UKAS to 1 Ghz
Oscilloscopes Hand Held	£96.00	£128.00 Bandwidth, Gain, Timebase & DMM functions	UKAS to 1 Ghz
Oscilloscopes Hand Held 4 Channel	£115.00	£148.00 Bandwidth, Gain, Timebase & DMM functions	UKAS to 1 Ghz
Signal/Frequency Generation - 1 Channel	£71.00	- Frequency, Amplitude & Timebase	No UKAS service
Signal/Frequency Generation - 2 Channel	£85.00	- Frequency, Amplitude & Timebase	No UKAS service
Signal/Frequency Generation - 4 Channel	£115.00	- Frequency, Amplitude & Timebase	No UKAS service
Frequency Counters	£49.50	£86.00 Frequency accuracy	2 Ghz
Arbitrary Waveform Generators - 1 Channel	£93.00	- Frequency, Amplitude, Timebase & Distortion	No UKAS service
Arbitrary Waveform Generators - 2 Channel	£128.00	- Frequency, Amplitude, Timebase & Distortion	No UKAS service

## Environmental Test Equipment

Description	RS STD	UKAS Standard functions tested	Limitation
Temperature Indicators - Electrical	£56.00	£76.00 Scale linearity, typically type K	-200°C to 1500°C
SysCal (Indicator Charge) - also order probe	£56.00	£76.00 -20°C, 0°C, 100°C & 190°C	-20°C to 500°C
SysCal (Probe charge) - also order indicator	£27.50	£36.50 -20°C, 0°C, 100°C & 190°C	-20°C to 500°C
SysCal - Additional Probes	£66.00	£83.00 -20°C, 0°C, 100°C & 190°C	-20°C to 500°C
SysCal - Additional Points	£20.50	£25.50 Points between -20°C to 500°C	-20°C to 500°C
Non Contact – (Infra Red)	£97.00	-Scale Accuracy (4 points)	30°C to 500°C
Thermal Imager	£97.00	- Scale Accuracy (4 points)	30°C to 500°C
Hygrometers	£109.00	£151.00 30%rh, 50%rh, 75%rh @ 23°C	25%rh to 85%rh
Hygrometers - additional points	£30.50	£40.50 Points between 25%rh to 85%rh	25%rh to 85%rh
Sound / Noise	£70.00	- Frequency response, 31.5Hz to 16kHz	94 dB & 114 dB only
Light/Lux meters	£83.00	- ~ 13 lx, 130 lx, 1.4 klx & 15 klx	16 klux maximum
Gas Detectors	£70.00	- O(2) CO, H(2)S & CH(4)	Crowcon only
Stop Watches	£43.50	£69.00 Seconds, minutes, hour	n/a

## Component / Calibration Test Equipment

Description	RS STD	UKAS Standard functions tested	Limitation
Temperature Calibration and Simulation	£78.00	£128.00 Scale linearity, typically type K	No N, R & S types
Multifunction / Process Calibrators	£78.00	£128.00 Accuracy for Type K, mV, RTD & Current	No N, R & S types
Current/Voltage Sources	£49.50	£70.00 Accuracy for mA, mV, & voltage	n/a
Loop Calibrators	£49.50	£70.00 Accuracy for mA, mV, & voltage	n/a
ESD Test Equipment	£49.50	- Resistance accuracy & functionality	1 Gohm
LCR Meters	£66.00	- Range accuracy	Max 100uF, 1Gohm & 1H
Decade Boxes	£85.00	£116.00 4 wire below 100kohm, 2 wire above	100 Mohm maximum
Low Ohm Meter	£65.00	- Scale accuracy, decade values	0.001 ohm minimum
Tachometer - Optical Only	£57.00	- Calculated RPM	Optical only

## Dimensional Test Equipment

Description	RS STD	UKAS Standard functions tested	Limitation
Tape Measure up to 5 Meters	£46.50	- Scale accuracy	Metal tapes only
Tape Measure up to 10 Meters	£70.00	- Scale accuracy	Metal tapes only
Road Measuring Wheels	-	£61.00 Diameter of wheel, count over 25m	600mm max diameter
Steel Rules – up to 600mm	-	£35.50 Accuracy of top edge, squareness of datum	n/a
Steel Rules 600 to 1200 mm	-	£46.50 Accuracy of top edge, squareness of datum	1200mm
Calipers	-	£35.50 Scale, parallelism of jaws	600mm limit
Micrometers	-	£35.50 Scale, flatness & parallelism of anvils	300mm limit
Dial Indicators	-	£35.50 Scale accuracy & repeatability	0.001mm resolution
Feeler Gauges	-	£35.50 Calibrated to DIN2275	n/a
Engineers' Squares	-	£35.50 Squareness of the blade, flatness of base	300mm limit
Height Gauges	-	£46.50 Scale accuracy, flatness of base	600mm limit
Depth Gauges	-	£35.50 Scale accuracy, flatness of base / datum	300mm limit
Thickness gauge	-	£35.50 Scales accuracy	No ultrasonic testers
Spirit level	£35.50	- Accuracy of level	n/a
Weighing scales up to 100kg	£49.50	- Scales accuracy, Eccentric loading	F1 / M1 masters
Weighing scales up to 350kg	£57.00	- Scales accuracy, Eccentric loading	M1 masters
Force Gauges & Hanging scales	£93.00	- Compression & tension	250 kg (M1)

## Pressure / Torque Test Equipment

Description	RS STD	UKAS Standard functions tested	Limitation
Gauges - Analogue	£57.00	£85.00 Scale accuracy	1000 bar
Gauges – Digital	£57.00	£85.00 Scale accuracy	700 bar
Manometers	£57.00	- Scale accuracy	30 mbar to 70 bar
Calibrators	£93.00	- Scale accuracy	-1 to 70 bar
Transducers	£83.00	- Scale accuracy	600 bar
Torques Wrenches	£43.50	- Scale accuracy under ISO 6789:2003	13.5 cN.m to 1000 N.m
Torques Analysers (MHH & Gedore Only)	£43.50	- Scale accuracy	0.02 N.m to 12 N.m



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