

General Electrical Test Equipment

Description	RS STD	UKAS	Standard functions tested	Limitation
Multimeter <= 4 digit	£46.50	£70.50	Voltage, Current & Resistance	1kV, 20A, 1Gohm
Multimeter <= 5 digit	£70.50	£91.00	Voltage, Current & Resistance	1kV, 20A, 1Gohm
Multimeter >= 6 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	Only J,K and T type
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	350mm 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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