













# calibration service guide

**metrix**  
electronics

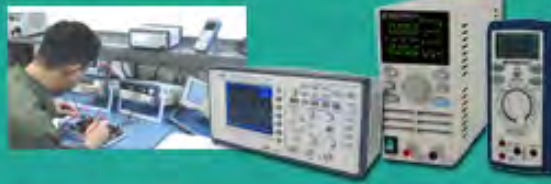
The Test Instrumentation Experts



	Instrument Type		Standard Functions Tested	Limitations of Laboratory
<b>Tier 1</b>  <a href="#">pricing</a>	Clamp Meter		AC & DC Voltage, AC & DC Current, Resistance, Capacitance, Temperature & Frequency	Up To 1000 Amps, 1Kv, 1GΩ
	Multimeter - Handheld		AC & DC Voltage, AC & DC Current, Resistance, Diode, Capacitance, Temperature & TTL.	1000 Volts, 20 Amperes, 1 Gigaohm
	Loop Calibrators		Voltage, Current & Ramp	N/A
	Power Supply - Bench		DC Voltage & Current accuracy	60A Maximum
	Insulation Tester		Insulation Voltage & Resistance accuracy	1000 V insulation voltage, 1 Gigaohm insulation resistance
	Digital Thermometer		Degrees Centigrade linearity	minus 50 to 1300°C
<b>Tier 2</b>  <a href="#">pricing</a>	Multimeter - Bench		AC & DC Voltage, AC & DC Current, Resistance, Frequency, Diode, Capacitance, Temperature	1000 Volts, 20 Amperes, 1 Gigaohm
	LCR or Capacitance Meter		Range accuracy for Capacitance, Resistance & Inductance	L & C @ 1KHz, R @ DC, Maximum 100μF, 1GΩ, 25mH
	Frequency Counter		Frequency accuracy	Up To 22 GHz
<b>Tier 3</b>  <a href="#">pricing</a>	Arbitrary Waveform Generator		Waveform amplitude, Frequency and distortion, Harmonic test, DC offset	200 MHz maximum frequency
	Oscilloscope		Bandwidth response, Amplitude accuracy, Timebase accuracy, Input Capacitance, Input Impedance	190V Maximum
	Electronic Load		Voltage & Current	Up To 100A

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with 

## Instrument calibration service from Metrix Electronics

Our calibration service covers a wide range of our electronic test equipment from low frequency instruments including Digital Multimeters, Frequency Counters, and Oscilloscopes through to high frequency Signal Generators, Power Meters, and Spectrum Analysers.

This service covers products supplied new by Metrix where a customer orders calibration at the same time as the product itself is ordered. Contact us by email to [sales@metrix-electronics.com](mailto:sales@metrix-electronics.com) or by telephone 01256 885940 if you need calibration of your already purchased instrument.

### Certificate of Calibration

Supplied with the calibrated instrument and in accordance with the manufacturer's published procedures and instructions. Calibration is traceable to relevant national standards.

### Turn-around

Our calibration service typically adds around 3 days to our delivery time.

Contact us if you need a faster delivery and we will try to help.

### Calibration Intervals / Guarantee

Calibration intervals are dependent on the type of instrument, frequency of use, environment, rough use and extremes of measurement. Because of this we can't give guidance as to when re-calibration might be required.

However we guarantee that our calibrated instrument will be in a calibrated state when it is delivered to you.

If you are in any doubt, please contact us straightaway and we will arrange for the instrument to be checked and returned to you.

### Calibration Location

Our calibration is carried out exclusively by our partner Repair and Cal Ltd (RCL).

Visit the RCL website at <http://www.rcl-uk.com/>

There is no charge for carriage between Metrix and RCL.