

▼ Environmental Testing

Pocket Digital Laser Tachometer

Uses a laser to measure the rotational speed of objects such as fans, driveshafts, bearings and wheels. The large easy to read 5 digit LCD can display the measured RPM plus a memory recall for the last reading, minimum reading, and maximum reading. Includes 4 x AAA batteries.



SPECIFICATIONS

Range:	2.5 - 99999 RPM
Resolution:	0.1 RPM (2.5 - 999.99 RPM) 1 RPM (>1000 RPM)
Accuracy:	±0.05% + 1D
Sample time:	0.5s
Range select:	Automatic
Effective distance:	50-500mm
Time base:	6MHz
Dimensions:	130H x 70W x 29Dmm

Price Each	RRP	2+	4+
Q 1236	69.95	62.95	55.95

Digital Lux Meter With Hold Function

A digital light meter to measure ambient light levels. It comprises of two parts, the photosensor and the main handheld meter with display connected via an extendible (500mm) curly cord. It has 3 ranges; 2000, 20000 and 200000 lux, and has a hold switch to freeze the display at the last reading taken. Supplied in a vinyl carry case and includes a protective cover for the photosensor. Perfect for assessing light levels when installing CCTV & lighting systems. Requires 1 x 9V battery (included).



SPECIFICATIONS

Lux:	2000, 20000, 200000 Lux
Accuracy:	5% ± 2 digits
Spectrum:	500 to 630nm (>80% efficiency)
Sampling time:	0.4 secs
Power:	9V battery
Dimensions:	≈ 70W x 29D x 118H mm

Price Each	RRP	2+	4+
Q 1270A	89.95	80.95	71.95

Digital Moisture Meter

Designed to measure moisture in wood and building materials this handheld meter can test levels in sawn timber, plaster, concrete, mortar and many other hard materials. Great for science experiments at schools, or for building inspectors and the handyman looking to monitor damp or moisture ingress around the home. Supplied in a zip up canvas pouch. 0.1% resolution, ±1% accuracy. Requires 9V battery. Size: 163 x 62 x 30mm.



Price Each	RRP	3+	6+
Q 1255A	49.95	44.95	39.95

Important Note For All Customers

Our electronic enthusiast staff are generally able to offer valuable advice as to applications of our products and components. However we cannot be held responsible for any errors, or misunderstandings which may arise from such advice. We are not chartered engineers and do not charge for any technical opinions offered. We invite customers to seek independent professional assistance on complex circuits or applications.

Professional Infra-Red Non Contact Thermometer

Utilises twin laser beams for precise measurement. The LCD with backlight indicates the measured reading, max reading and emissivity simultaneously. Adjustable warning alarms may be set when temperature rises or falls below a set level. Emissivity may be adjusted to combat the irradiated IR emitted from differing materials. Ideal for use in hard to get to or dangerous places, even while equipment is operating eg: measuring turbo, exhaust, bearing, motor, air conditioning temperatures. Also great for food safety. For standalone benchtop tests a K-type temperature probe is included. Supplied with 9V battery & carry case. Size: 192H x 95W x 83Dmm.



Q 1287 SPECIFICATIONS		K-Type temp. range:	-50 to 1370°C
IR temperature range:	-50 to 500°C	Basic accuracy:	±2% of reading
IR resolution:	0.1°C	Optical resolution:	13:1
Emissivity:	0.1 to 1.0	Spectral response:	8-14µm

Q 1289 SPECIFICATIONS		K-Type temp. range:	-50 to 1370°C
IR temperature range:	-50 to 1050°C	Basic accuracy:	±2% of reading
IR resolution:	0.1°C	Optical resolution:	30:1
Emissivity:	0.1 to 1.0	Spectral response:	8-14µm

Price Each	RRP	2+	4+
Q 1287 -50 to 500°C 13:1 Optical Resolution	115.00	106.00	96.00
Q 1289 -50 to 1050°C 30:1 Optical Resolution	119.00	112.00	105.00

Professional Non Contact Thermal Imaging Camera

This thermal imaging camera combines the functions of surface temperature measurement and real time thermal imaging. From the built in camera it provides both thermal 'rainbow' style images and normal camera viewing with an adjustable thermal overlay. Screenshots can be saved to an SD card for later review. Emissivity may be adjusted to combat the irradiated IR emitted from differing materials. This device is ideal for diagnosing problems with equipment whilst it is in operation. For instance, its ideal for use in electronics servicing to identify faults in regulators, FETs, caps etc. Includes batteries and carry case.



Example thermal imaging overlays from 0% to 100%.

SPECIFICATIONS

Display:	2.5" colour LCD display	View options:	Blending of the visual and infrared from full infrared to full visual in 25 % steps
Resolution:	60 x 60 (3600px)	File format:	BMP
Visible light image resolution:	300,000 pixels	Image storage:	Micro SD card
Field of view:	20x20°	Image viewing:	On-screen
Thermal sensitivity:	0.15°C	Auto power off:	12 mins.
Temperature range:	-20°C to 300°C	Power supply:	4 AA batteries (included)
Accuracy:	±2% or reading ±2°C	Battery life:	6 hours
Emissivity:	Adjustable 0.1-1.0	Weight:	310g
Image frequency:	6Hz	Size:	223x88x65mm
Spectral band:	8-14µm		
Focus mode:	Fixed		
Colour:	Rainbow, Rainbow High Contrast, Grayscale (white hot) and Grayscale (black hot)		

Price Each	RRP
Q 1293	799.00