A versatile range of high quality, budget priced instruments for a variety of parameters including temperature, relative humidity and electrical quantities.

- Simple to use
- Accurate and reliable
- Low cost
- Available from stock
- Measure temperature RH, LUX, rpm, sound level, air speed, conductivity plus wide range of multimeter functions
- Non-contact or contact thermometry and tachometry
- CE marked

**TEMPERATURE**

**TM956 INFRARED THERMOMETER, LED TARGET LIGHT**

The TM956 provides convenient, responsive non-contact temperature measurement up to 305°C.

- Low cost
- Pocket size
- Point and read
- Large bright display
- ±3°C accuracy
- °C/°F select
- LED target light
- Automatic display hold

Temperature sensor: Thermopile

Range: -30°C to +305°C

Resolution: 0.5°C

Emissivity: 0.95

Accuracy: ±3% of reading or ±3°C (whichever is greater)

Battery: 9V PP3

**TM958 INFRARED THERMOMETER, LASER TARGET LIGHT**

The 958 provides convenient, responsive non-contact temperature measurement up to 305°C with the added benefit of adjustable emissivity.

- Low cost
- Pocket size
- Point and read
- Large bright display
- ±3°C accuracy
- °C/°F select
- Laser target light
- Automatic display hold

Temperature sensor: Thermopile

Range: -30°C to +305°C

Resolution: 0.5°C

Emissivity: 0.20 to 1.00

Accuracy: ±3% of reading or ±3°C (whichever is greater)

Battery: 9V PP3

**TM924C DUAL CHANNEL TYPE K THERMOMETER**

The TM924C is a low-cost, compact digital thermometer for 1 or 2 Type K thermocouple inputs.

- Type K thermocouple inputs
- Quick response
- Select 0.1°/1.0°C resolution
- Display hold

Input: Type K thermocouple / Dual input

Range: -50°C to 1300°C

Resolution: 0.1°C /1°C selectable

Accuracy: ±2% ±1°C

Display: LCD with backlight

Battery: 9V PP3

Range of probes available – contact the Sales Office

**TM936 Pt100 & THERMOCOUPLE THERMOMETER**

The TM936 is a versatile, wide range digital thermometer for Type K, J, E, T & R thermocouples and Pt100 sensors

- Sensor selection
- Hold/max/min
- RS232 communications
- °C/°F

Input: Thermocouple K,J,E,T & R Pt100

Range: K,J,E & T -100°C to 1300°C R 0°C to 1700°C Pt100 -200°C to 800°C

Resolution: 0.1°C (1°C for R)

Accuracy: K,J,E,T &R ±0.2% ±1°C Pt100 ±0.2% ±0.5°C

Display: LCD

Battery: 9V PP3

Range of probes available – contact the Sales Office

www.labfacility.co.uk
**LM81AM Anemometer**
The LM81AM provides rapid, simple and accurate air speed measurement via an integral vane sensor and is ideal for HVAC and industrial uses.

- Highly compact
- Self-contained
- Data hold
- 5 unit selection

<table>
<thead>
<tr>
<th>Range</th>
<th>0.4 to 30.0 m/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
<td>m/s, km/h, mph, knots, ft/min</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±(2% + 2 digits)</td>
</tr>
<tr>
<td>Sensor</td>
<td>Integral twisted vane</td>
</tr>
<tr>
<td>Functions</td>
<td>Data hold / record (max, min)</td>
</tr>
<tr>
<td>Battery</td>
<td>9V PP3</td>
</tr>
</tbody>
</table>

**YK80AP Anemometer, Remote Vane**
The YK 80AP provides accurate, convenient air speed measurement via a remote vane sensor. An integral sensor provides temperature measurement.

- Dual Display air speed & temperature
- Remote vane sensor
- 5 unit selection + °C/°F
- RS232 Hold, Record (Max, Min)

<table>
<thead>
<tr>
<th>Range</th>
<th>0.4 to 25 m/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
<td>m/s, km/h, mph, knots, ft/min</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Air Vel ±(2% + 2 digits)</td>
</tr>
<tr>
<td></td>
<td>Air Temp ±0.8°C</td>
</tr>
<tr>
<td>Temperature range</td>
<td>-10°C to 50°C</td>
</tr>
<tr>
<td>Functions</td>
<td>RS232. Hold/Record(Max, Min)</td>
</tr>
<tr>
<td>Battery</td>
<td>9V PP3</td>
</tr>
</tbody>
</table>

**YK2004AH Hot Wire Anemometer**
The YK 2004AH provides both air velocity and air flow measurement in a single, compact instrument using a telescopic and separate probe. An integral sensor provides temperature measurement.

- Air velocity
- Air flow
- Temperature
- Dual display
- 4 unit display + °C
- RS232

<table>
<thead>
<tr>
<th>Range / Units</th>
<th>0.2 to 20.0 m/s</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CMM, CFM</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Air Vel ±(5% + 1 digit)</td>
</tr>
<tr>
<td></td>
<td>Air Temp ±0.8°C</td>
</tr>
<tr>
<td>Functions</td>
<td>RS232 communications</td>
</tr>
<tr>
<td></td>
<td>Data hold/Max/Min</td>
</tr>
<tr>
<td>Battery</td>
<td>4 x AA</td>
</tr>
</tbody>
</table>

**LM81HT Humidity Meter**
The LM 81HT provides both Relative Humidity and temperature measurements in a compact instrument.

- 10 to 95% RH
- Self-contained sensors
- Dual LCD display (RH & temperature)

<table>
<thead>
<tr>
<th>Range</th>
<th>10 to 95% RH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0°C to 50°C (°C/°F)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±(3% + 1%) RH</td>
</tr>
<tr>
<td></td>
<td>Air Temp ±0.8°C</td>
</tr>
<tr>
<td>Functions</td>
<td>Data hold / Record / Max/Min</td>
</tr>
<tr>
<td>Battery</td>
<td>9V PP3</td>
</tr>
</tbody>
</table>

**YK80HT Humidity Meter**
The YK 80HT is a professional, high accuracy hygrometer with a remote RH sensor and integral temperature sensor.

- 10 to 95% RH
- Remote RH sensor
- Integral temperature sensor (RH and temperature)
- Dual LCD display

<table>
<thead>
<tr>
<th>Range</th>
<th>10 to 95% RH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0°C to 50°C (°C/°F)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±(3% + 1%)RH</td>
</tr>
<tr>
<td></td>
<td>Air Temp ±0.8°C</td>
</tr>
<tr>
<td>Functions</td>
<td>RS 232</td>
</tr>
<tr>
<td></td>
<td>Data Hold / Record (Max / Min)</td>
</tr>
<tr>
<td>Battery</td>
<td>9V PP3</td>
</tr>
</tbody>
</table>

www.labfacility.co.uk
**DM8140 LIGHT METER**
The LM8140 is a compact, sensitive digital Lux meter ideal for use in factories and offices to check for compliance with building safety regulations.

- High accuracy
- Low cost
- Auto-ranging
- Lux / Ft-cd readout
- Data hold / record / Max & Min

**Range**
- 2000 Lux; 20,000 Lux

**Accuracy**
- ±(5% + 2 digits)

**Functions**
- Max/Min/Record/Data hold

**Display**
- LCD

**Battery**
- 9V PP3

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**LM8140 LIGHT METER WITH 4 LIGHT SELECTION**
The LX 1108 is a highly specified light meter with many user features; a separate light sensor allows optimum positioning.

- LCD display with bar graph display
- 5 ranges
- Lux/Ft-cd readout
- RS232

**Hold/Record/Zero adjust**
- 4 light type selection

**Range**
- Photo Tach 10 to 99,999 rpm
- Contact Tach 0.5 to 19,999 rpm

**Accuracy**
- + (0.5% + 1 digit)

**Photo range**
- Up to 2m

**Battery**
- 4 x AA

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**MULTI-PARAMETER**

**LM8000 ANEMOMETER, HUMIDITY & LIGHT METER AND TYPE K THERMOMETER**
The LM 8010 is a 4 in 1 meter which provides RH & temperature measurement, light measurement, air velocity and air flow measurement.

- Convenient single meter for 4 parameters
- Integral anemometer vane, light sensor, RH sensor and temperature sensor
- Ideal for general purpose Health & Safety compliance checks

**Ranges**
- RH 10 to 95%
- Type K Thermometer: -100°C to 1300°C °C/°F
- Light: 0 to 20,000 Lux, 0 to 2,000 Ft-cd
- Anemometer: 0.4 to 30.0m/s
  - (m/s, km/h, mph, knots, ft/min)
- Anemometer – air flow CMM, CFM

**Accuracy**
- Air Vel: ±(20m/s ± 4%)
- RH: ±(4% + 1%)
- Air Temp: ±1.2°C
- Type K: ±(1%rdg+1°C)
- Light: ±5%rdg ± 8 digits

**Functions**
- Data hold / Record (Max / Min)

**Battery**
- 9V PP3

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**STROBOSCOPE / TACHOMETER**

**DT2339 STROBOSCOPE**
The DT 2339 is a self-contained, lightweight instrument which combines simple operation with accuracy and reliability. It is suitable for inspection and measurement of gear speeds, centrifuges, pumps and motor shafts. It is also ideal for industrial maintenance and educational use.

- Simple, rapid use
- Precise readings
- Wide range
- Clear digital display
- High intensity Xenon tube

**Range**
- 100 to 15,000 rpm

**Accuracy**
- ±0.05% ±1 digit

**Resolution**
- 1rpm

**Functions**
- External trigger

**Power**
- Standard 90-260Vac. Optional 4 x D Ni-Mh rechargeable battery / mains

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**DT1236L LASER PHOTO / CONTACT TACHOMETER**
The DT1236L is a unique, multifunction, wide range instrument for non-contact (photo) and contact use. The Laser photo function allows detection distances up to 2m.

- Patented design
- Photo & contact in one unit
- Wide range, up to 99,999rpm
- Quick sampling rate

**Range**
- Photo Tach: 10 to 99,999 rpm
- Contact Tach: 0.5 to 19,999 rpm

**Surface speed**
- m/min ft/min

**Resolution**
- 1rpm

**Accuracy**
- ±(0.5% + 1 digit)

**Photo range**
- Up to 2m

**Battery**
- 4 x AA

www.labfacility.co.uk
**SL4001 DIGITAL SOUND LEVEL METER**

Easy to use, excellent value digital meter to meet the increasing demand for noise and sound monitoring. Covers 35 to 130 dB with a large easy to read LCD display. The meter has both “A” and “C” frequency weightings allowing accurate checking for safety regulations and acoustic analysis. Other features include selection of fast or slow response maximum hold function AC and DC output, and an internal calibration system.

- **Range**: “A” weighting 35 to 130 dB “C” weighting 35 to 130dB
- **Accuracy**: Dependent on frequency weighting typically ±3dB
- **Resolution**: 0.1dB
- **Frequency range**: 31.5Hz to 8kHz
- **Output**: ac output 0.5 Vrms
dc output 10mV/dB
- **Option**: Sound level calibrator (94dB), model SC941
- **Battery**: 9V PP3

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**CD4306 CONDUCTIVITY METER**

The CD 4306 is a wide range conductivity meter with 4 operating ranges and a remote sensor probe.

- **Wide range**
- **Remote, 4 ring probe**
- **RS232 interface**
- **High accuracy**

- **Ranges**: 200µS, 2mS, 20mS, 200mS
- **Resolution**: 0.1µS
- **Functions**: RS232 / Data hold
- **Accuracy**: ±(0.8% + 1 digit)
- **Battery**: 9V PP3

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**DM9020 POCKET DIGITAL MULTIMETER**

The DM9020 compact DMM offers 26 ranges for DCV, ACV, Ohms DCA, ACA, Diode and hFF

- **26 ranges**
- **Voltage & current**
- **Very compact**
- **LCD display**

- **Ranges**: DCV & ACV 20mV to 600V
DCA & ACA 2mA to 2A
Ohms 200 to 20M
HFE & Diode
- **Accuracy**: ±(0.8% + 1 digit)
- **Battery**: 9V PP3

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**CC421 VOLTAGE / CURRENT CALIBRATOR**

The CC 421 is a compact convenient calibrator for Voltage & Current including two wire loops up to 24mA.

- **Voltage & Current source**
- **LCD display**
- **Calibration adjustment**

- **Ranges**: Current source 0 to 24mA, 2 ranges
Current measure 0 to 24mA, 2 ranges
DCmV source -199.9mV to +199.9mV
DCV measure 12V for 2 wire loop, 0 to 24mA, 2 ranges
- **Battery**: 9V PP3

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Product availability & specifications may be subject to change. E&OE