Model No R8050
Sound Level Meter
- Meets ANSI and IEC Type 2 standards
- Dual range measurement (High and Low)
- A & C frequency weighting
- Fast & Slow time weighting
- Max hold and data hold functions
- Easy-to-read backlit LCD display
- Includes windshield ball, battery and hard carrying case

Model No R8839
Digital pH Pen
- Dual LCD simultaneously displays pH (0.00 to 14.00) and temperature (0 to 60°C/32 to 140°F) measurements
- Automatic temperature compensation and one touch calibration
- Replaceable pH electrode module
- IP65 rated waterproof housing
- Includes protective cap, wrist strap and batteries

Model No R8060
Sound Level Meter
- Triple range measurement (60dB dynamic range)
- High accuracy of ±1.4 dB meets IEC Type 2 standards
- A & C frequency weighting
- Fast & Slow time weighting
- Max hold and data hold functions
- Backlit LCD display with digital analog bargraph
- Includes windshield ball, battery and hard carrying case

Model No SD-230
SD Series pH/ORP Datalogger Kit
- SD-230 pH/ORP Datalogger
- PE-11 General Purpose pH Electrode
- ORP-14 Professional ORP Electrode

Model No R8080
Sound Level Meter
- Records up to 64,000 datapoints with time and date stamp
- Triple range measurement (60dB dynamic range)
- 1.4 dB accuracy meets Type 2 standards
- A & C frequency weighting
- Fast & Slow time weighting
- Backlit LCD display with digital analog bargraph
- Includes windscreen, USB cable, software, batteries and hard carrying case

Model No R8200
Heat Stress Meter
- Measure how hot it feels when humidity is combined with temperature, air movement and radiant heat
- Measures ambient temperature, humidity, wet bulb temperature, black globe temperature, WBG (wet bulb globe temperature), heat stress index, dew point and pressure
- User adjustable WBG threshold alarm (audible)
- Internal memory stores up to 59 measurements
- Includes batteries

Model No R8140
Light Meter
- Measures ambient light levels up to 100,000 Lux (10,000 Fc)
- Photo diode and colour correction filters meet C.I.E. spectrum specifications
- Contact temperature measurement with a type J/K thermocouple option
- Real time data logger with integral SD memory card
- Includes detachable sensor, sensor cover and batteries

Model No R8050-KIT
Sound Level Meter & Calibrator Kit
- R8050 Sound Level Meter
- R8090 Sound Level Calibrator
- R8888 Deluxe Hard Carrying Case

Model No 1-877-849-2127 | info@reedinstruments.com | www.REEDINSTRUMENTS.com
### Microwave Leakage Detector
- Detects very low levels of radiation
- Preset audible (beep) and visual (flashing LCD) alarm at 5 mV/cm²
- 4-digit, backlit LCD display with Max hold function
- Zero button for quick adjustment
- Includes battery and soft carrying case

**Model No R8200**

### Combustible Gas Detector
- Detects a wide range of combustible gases including: gasoline, propane, natural gas and fuel oil
- High sensitivity detects small leaks
- Audible and visual alarm indicators
- 15” (380mm) gooseneck for hard to reach areas
- Includes batteries and carrying case

**Model No R8300**

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### Carbon Monoxide Meter
- Dual display shows carbon monoxide (CO) and temperature
- Capable of detecting CO concentrations up to 10,000 ppm
- User adjustable alarm limit (audible beep frequency increases as CO level rises)
- Data hold and max functions
- Self test sequence on start up
- Includes batteries and soft carrying case

**Model No R9400**

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### Indoor Air Quality Meter
- Triple LCD display simultaneously monitors carbon dioxide (CO₂), relative humidity and temperature
- Automatically calculates dew point and wet bulb temperatures
- Calculates statistical weighted averages of TWA (20 hour time weighted average) and STEL (15 minute short term exposure limit)
- User adjustable audible alarm
- Includes batteries and hard carrying case

**Model No R9800**

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### Indoor Air Quality Meter/Datalogger
- Measures oxygen (O₂), carbon dioxide (CO₂), carbon monoxide (CO), temperature and humidity
- User adjustable audible alarms
- Real-time datalogger records up to 3 readings simultaneously on integral SD memory card
- Includes humidity probe, carbon monoxide probe, carbon dioxide probe, oxygen probe, batteries and hard carrying case

**Model No SD-9801**

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### Thermo-Hygrometer
- Dual LCD display shows relative humidity and ambient temperature simultaneously
- Measuring Ranges: 32° to 122°F (0 to 50°C) and 0% to 100% RH
- Min/Max and Data Hold functions
- Designed for one-handed field operation
- Includes wrist strap and battery

**Model No LM-81HT**

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### Temperature/Humidity USB Datalogger
- Measures temperatures from -40 to 158°F (-40 to 70°C) and humidity (0-100% RH)
- Stores up to 16,000 temperature and humidity readings
- User selectable sampling rate from 2 sec to 24 hrs
- Includes wall mount bracket and screws, protective USB cap, software and battery

**Model No R6020**

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### Digital Psychrometer
- Simultaneous display of air temperature and % RH
- Automatically calculates wet bulb and dew point temperatures without needing to consult charts
- Optional external probe (87P6) for contact/ differential temperature measurement
- Max/Min/Avg readings
- User selectable “F”/”C”
- Includes batteries

**Model No 8706**

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### Infrared Thermometer
- Built-in laser pointer identifies target area
- Measures temperatures up to 932°F (500°C)
- B:1 distance to spot size ratio
- Fixed emissivity covers 90% of applications
- Automatic data hold with on-screen min/max readings
- Includes carrying case and battery

**Model No R2002**

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### Infrared Thermometer
- Dual lasers assist with target area identification
- B:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Avg and Differential readings
- High/low alarms
- Internal memory capable of saving last 8 measurements
- Includes battery and soft carrying case

**Model No R2007**

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### Temperature/Humidity Datalogger
- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable sampling rate from 1 sec to 24 hrs
- Real-time clock with date and time stamp
- Visible LED alarm
- Includes mounting bracket with screws, USB cable, software, security lock, and battery

**Model No R6030**

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### Thermo-Hygrometer
- Measures and displays ambient temperature and relative humidity simultaneously
- Measuring Ranges: -4 to 140°F/-20 to 60°C
- High sampling rate of 2.5 times/sec
- Data hold, Min/Max and Relative functions
- Includes battery and soft carrying case

**Model No R6001**

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### Laser Diode Infrared Imaging Camera
- 80 x 80 IR resolution (6,400 pixels)
- 2.5” color LCD display
- Built-in laser and white LED flash light
- Capture both infrared and visual images and record video with audio annotations
- Includes Li-ion battery, AC adapter with plug, micro SD card, USB and HDMI cable, earphones, wrist strap, software and carrying case

**Model No R2050**

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### Thermal Imaging Camera
- 160 x 120 IR resolution (19,200 pixels)
- 3.5” color TFT LCD touch screen
- 4 image modes (infrared/visual/infrared overlay/picture in picture)
- Includes 7mm lens and cap, micro SD memory card, video output and USB cable, headset, hood, tripod adapter, shoulder strap, two rechargeable batteries, AC adapter, software and carrying case

**Model No R2100**
**Microwave Leakage Detector**  
- Detects very low levels of radiation  
- Preset audible (beep) and visual (flashing LED) alarms at 5 mV/cm²  
- 4-digit, backlit LCD display with Max hold function  
- Zero button for quick adjustment  
- Includes battery and soft carrying case

**Model No R9400**

**Carbon Monoxide Monitor**  
- Dual display shows carbon monoxide (CO) and temperature  
- Capable of detecting CO concentrations up to 10,000 ppm  
- User adjustable alarm limit (audible beep frequency increases as CO level rises)  
- Data hold and max functions  
- Self test sequence on start-up  
- Includes batteries and hard carrying case

**Model No R9450**

**Indoor Air Quality Meter**  
- Triple LCD display simultaneously monitors carbon dioxide (CO₂), relative humidity and temperature  
- Automatically calculates dew point and wet bulb temperatures  
- Calculates statistical weighted averages of TWA (8 hour time weighted average) and STEL (15 minute short term exposure limit)  
- User adjustable audible alarm  
- Includes batteries and hard carrying case

**Model No R9800**

**Thermo-Hygrometer**  
- Dual LCD display shows relative humidity and ambient temperature simultaneously  
- Measuring Ranges: 32 to 122°F (0 to 50°C) and 0 to 100% RH  
- Min/Max and Data Hold functions  
- Designed for one-handed field operation  
- Includes wrist strap and battery

**Model No LM-81HT**

**Combustible Gas Detector**  
- Detects a wide range of combustible gases including: gasoline, propane, natural gas and fuel oil  
- High sensitivity detects small leaks  
- Audible and visual alarm indicators  
- 15” [380mm] gooseneck for hard to reach areas  
- Includes batteries and carrying case

**Model No R3300**

**Temperature/Humidity USB Datalogger**  
- Measures temperatures from -40 to 158°F (-40 to 70°C) and humidity (0-100% RH)  
- Stores data up to 16,000 temperature and humidity readings  
- User selectable sampling rate from 2 secs to 24 hrs  
- Includes wall mount bracket and screws, protective USB cap, software and battery

**Model No R6020**

**Carbon Monoxide Monitor**  
- Multi-line LCD simultaneously displays carbon monoxide (CO), ambient temperature, relative humidity, time and date  
- Capable of detecting CO concentrations up to 999 ppm  
- User adjustable alarm limit  
- Max hold function  
- Desk top or wall mountable  
- Includes batteries

**Model No R9800**

**Digital Psychrometer**  
- Simultaneous display of air temperature and % RH  
- Automatically calculates wet bulb and dew point temperatures without needing to consult charts  
- Optional external probe (87PF) for contact/ differential temperature measurement  
- Max/Min/Avg readings  
- User selectable “F”/”C  
- Includes batteries

**Model No SD-9901**

**Thermal Imaging Camera**  
- 90 x 90 IR resolution (5,400 pixels)  
- 2.5” color LCD display  
- Built-in laser and white LED flashlight  
- Capture both infrared and visual images and record video with audio annotations  
- Includes Li-Ion battery, AC adapter with plugs, micro SD card, USB and HDMI cable, earphones, wrist strap, software and carrying case

**Model No R9050**

**Thermal Imaging Camera**  
- 160 x 120 IR resolution (19,200 pixels)  
- 3.5” color TFT LCD touch screen  
- 4 image modes (infrared/visual/infrared overlay/picture in picture)  
- Includes 7mm lens cap and, micro SD memory card, video output and USB cable, headset, hood, tripod adapter, shoulder strap, two rechargeable batteries, AC adapter, software and carrying case

**Model No R2100**

**Thermo-Hygrometer**  
- Measures and displays ambient temperature and relative humidity simultaneously  
- Measuring Ranges: -4 to 140°F/ -20 to 60°C and 0 to 100% RH  
- High sample rate of 2.5 times/sec  
- Data hold, Min/Max and Relative functions  
- Includes battery and soft carrying case

**Model No R6001**

**Infrared Thermometer**  
- Dual lasers assist with target area identification  
- ±0.1 distance to spot size ratio  
- Digitally adjustable emissivity  
- Max, Min, Average and Differential readings  
- High/low alarms  
- Internal memory capable of saving last 9 measurements  
- Includes battery and soft carrying case

**Model No R2005**

**Infrared Thermometer**  
- Built-in laser pointer identifies target area  
- Measures temperatures up to 932°F (500°C)  
- ±1 distance to spot size ratio  
- Fixed emissivity covers 90% of applications  
- Automatic data hold with on-screen min/ max readings  
- Includes carrying case and battery

**Model No 8706**

**Infrared Thermometer**  
- Infrared thermometer with integral type K thermocouple input for contact temperature measurements  
- ±0.1 distance to spot size ratio  
- Digitally adjustable emissivity  
- Max, Min, Avg and Differential readings  
- Internal memory stores up to 20 data points  
- Includes beaded wire thermocouple probe, battery and soft carrying case

**Model No R2002**

**Infrared Thermometer**  
- Has built-in battery and can store up to 200 temperatures  
- Measuring range: -200°C to 2320°C  
- Includes 9” x 15” flexible test lead and batteries  
- Carrying case included

**Model No R2007**
<table>
<thead>
<tr>
<th>Model No</th>
<th>Description</th>
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<tbody>
<tr>
<td>R8050</td>
<td><strong>Sound Level Meter</strong>&lt;br&gt;- Meets ANSI and IEC Type 2 standards&lt;br&gt;- Dual range measurement (High and Low)&lt;br&gt;- A &amp; C frequency weighting&lt;br&gt;- Fast &amp; Slow time weighting&lt;br&gt;- Max hold and data hold functions&lt;br&gt;- Easy-to-read backlit LCD display&lt;br&gt;- Includes windshield ball, battery and hard carrying case</td>
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<tr>
<td>R8060</td>
<td><strong>Sound Level Meter</strong>&lt;br&gt;- Triple range measurement (60dB dynamic range)&lt;br&gt;- High accuracy of ±1.4 dB meets IEC Type 2 standards&lt;br&gt;- A &amp; C frequency weighting&lt;br&gt;- Fast &amp; Slow time weighting&lt;br&gt;- Max hold and data hold functions&lt;br&gt;- Backlit LCD display with digital analog bargraph&lt;br&gt;- Includes windshield ball, battery and hard carrying case</td>
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<tr>
<td>SD-230</td>
<td><strong>SD Series pH/ORP Datalogger Kit</strong>&lt;br&gt;- SD-230 pH/ORP Datalogger&lt;br&gt;- FE-11 General Purpose pH Electrode&lt;br&gt;- ORP-14 Professional ORP Electrode</td>
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<tr>
<td>R8080</td>
<td><strong>Sound Level Meter</strong>&lt;br&gt;- Records up to 64,000 datapoints with time and date stamp&lt;br&gt;- Triple range measurement (60dB dynamic range)&lt;br&gt;- ±1.4 dB accuracy meets Type 2 standards&lt;br&gt;- A &amp; C frequency weighting&lt;br&gt;- Fast &amp; Slow time weighting&lt;br&gt;- Backlit LCD display with digital analog bargraph&lt;br&gt;- Includes windscrew, USB cable, software, batteries and hard carryng case</td>
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<tr>
<td>R8889</td>
<td><strong>Digital pH Pen</strong>&lt;br&gt;- Dual LCD simultaneously displays pH (0.00 to 14.00) and temperature (0 to 60°C/32 to 140°F) measurements&lt;br&gt;- Automatic temperature compensation and one touch calibration&lt;br&gt;- Replaceable pH electrode module&lt;br&gt;- IP65 rated waterproof housing&lt;br&gt;- Includes protective cap, wrist strap and batteries</td>
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<tr>
<td>LM-811X</td>
<td><strong>Light Meter</strong>&lt;br&gt;- Designed for one-handed operation&lt;br&gt;- 5-digit LCD display with user selectable Lux/Footcandle readings&lt;br&gt;- Measuring Ranges: 0 to 20,000 Lux, 0 to 2,000 Fc&lt;br&gt;- Min/Max and Data hold functions&lt;br&gt;- Zero adjustment button&lt;br&gt;- Includes wrist strap and batteries</td>
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<tr>
<td>R2010</td>
<td><strong>Heat Stress Meter/Datalogger</strong>&lt;br&gt;- Measured temperature, humidity, dew point, wet bulb, black globe temperature, WBGT (wet bulb global temperature), heat stress index, dew point and pressure&lt;br&gt;- User adjustable WBGT audible alarm&lt;br&gt;- Real-time datalogger with integral SD memory card and user-selectable sampling rate&lt;br&gt;- Includes carrying case and batteries</td>
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<tr>
<td>LM-2000</td>
<td><strong>LED Light Meter</strong>&lt;br&gt;- Measures ambient light levels of white, red, yellow, green and blue LED light and visible light in Foot-candles or Lux&lt;br&gt;- Also measures standard incandescent light sources&lt;br&gt;- Cosine and color corrected measurements&lt;br&gt;- Includes sensor cover, battery, and hard carrying case</td>
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<tr>
<td>SW7000</td>
<td><strong>Heat Stress Stopwatch</strong>&lt;br&gt;- Measures temperature and humidity, calculates heat index and dew point&lt;br&gt;- Stopwatch/chronograph mode with 1/100 second resolution&lt;br&gt;- 12 or 24 hour clock, countdown timer, with built-in calendar&lt;br&gt;- Battery and solar powered&lt;br&gt;- Water resistant (IPX4 rated)&lt;br&gt;- Includes lanyard and battery</td>
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**INDUSTRIAL HEALTH & SAFETY**

Providing employees with a safe, hazardous free work environment has never been more in focus than it is today. The Occupational Safety and Health Administration (OSHA) regulates a number of standards pertaining to workplace safety to ensure the well-being of employees. REED Instruments provides a number of instruments to test and measure workplace environments related to OSHA standards and regulations including: Light Meters, Sound Level Meters, Indoor Air Quality Meters, Heat Stress Meters, Carbon Monoxide Detectors, Thermo-Hygrometers (Temperature and Humidity) and Water Quality Meters.

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