REED INSTRUMENTS

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.

Microwave Leakage Detector

- Detects very low levels of radiation
- Preset audible (beep) and visual (flashing LED) alarms at 5 mW/cm²
- 4-digit, backlit LCD display with Max hold function
- Zero button for quick adjustment
- Includes battery and soft carrying case

Model No R9200

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" (390mm) gooseneck for hard to reach areas
- Includes batteries and carrying case

Model No R9300

Light Meter

- Designed for one-handed operation
- 5-digit LCD display with user selectable Lux/Footcandle readings
- Measuring Ranges: 0 to 20,000 Lux; 0 to 2,000 Fc
- Min/Max and Data hold functions
- Zero adjustment button
- Includes wrist strap and batteries

Model No LM-81LX

Light Meter

- Measures light intensity up to 40,000 Fc/400,000 Lux.
- 42-segment digital analog bar-graph with user selectable Lux/Footcandle readings
- Min/Max and Data Hold
- Peak and Relative functions
- Includes sensor cover, protective holster, battery and soft carrying case

Model No R8130

LED Light Meter

- Measures ambient light levels of white, red, yellow, green and blue LED light and visible light in Foot-candles or Lux
- Also measures standard incandescent light sources
- Cosine and color corrected measurements
- Includes sensor cover, battery, and hard carrying case

Model No R8140

Light Meter/Datalogger

- 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 light sensor, sensor cover, batteries and soft carrying case

Model No R8100SD

1-877-849-2127 | info@reedinstruments.com | www.REEDInstruments.com

REED PRECISION TEST & MEASUREMENT INSTRUMENTS

Carbon Monoxide Meter

- Dual display shows carbon monoxide (CO) and temperature
- Capable of detecting CO concentrations up to 1000 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

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 R9450

Indoor Air Quality Meter

- Triple LCD display simultaneously monitors carbon dioxide (CO_2), 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 R9900

Indoor Air Quality Meter/Datalogger

- Measures oxygen (O_2), carbon dioxide (CO_2), carbon monoxide (CO), temperature and humidity
- Real-time datalogger records up to 3 readings simultaneously on integral SD memory card
- User adjustable audible alarms
- Includes humidity probe, carbon monoxide probe, carbon dioxide probe, oxygen probe, batteries and hard carrying case
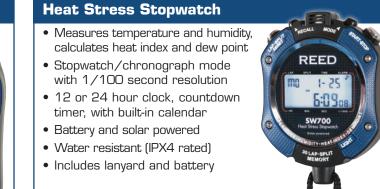
Model No R9910SD

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

Heat Stress Stopwatch

- Measures temperature and humidity, calculates heat index and dew point
- Stopwatch/chronograph mode with 1/100 second resolution
- 12 or 24 hour clock, countdown timer, with built-in calendar
- Battery and solar powered
- Water resistant (IPX4 rated)
- Includes lanyard and battery

Model No SW700

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, WBGT (wet bulb global temperature), heat stress index, dew point and pressure
- User adjustable WBGT threshold alarm (audible)
- Internal memory stores up to 99 measurements
- Includes batteries

Model No R6200

Heat Stress Meter/Datalogger

- Measures temperature, humidity, dew point, wet bulb, black globe, indoor/outdoor WBGT
- Wet Bulb Globe Temperature (WBGT) considers the effects of temperature, humidity and direct or radiant sunlight
- User-adjustable WBGT audible alarm
- Real-time datalogger with integral SD memory card and user-selectable sampling rate
- Includes batteries and soft carrying case

Model No R6250SD

REED PRECISION TEST & MEASUREMENT INSTRUMENTS

Thermo-Hygrometer

- Dual LCD display shows relative humidity and ambient temperature simultaneously
- Measuring Ranges: 32 to 122°F (0 to 50°C) and 10-95% RH
- Min/Max and Data Hold functions
- Designed for one-handed field operation
- Includes wrist strap and battery

Model No LM-81HT

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 sampling rate of 2.5 times/sec
- Data hold, Min/Max and Relative functions
- Includes battery and soft carrying case

Model No R6001

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 16,000 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

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

Infrared Thermometer

- Non-contact temperature measurement of hot, hazardous or hard-to-reach objects from a safe distance
- Built-in laser pointer identifies target area
- 12:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max and Min readings
- High and low alarms
- Includes battery

Model No R2300

Infrared Thermometer

- Built-in laser pointer
- 30:1 distance to spot size ratio
- Digitally adjustable emissivity
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Max, Min, Avg and Differential readings
- Store up to 5 pre-set high & low alarms and 5 emissivity settings
- Includes battery and soft carrying case

Model No R2320

Infrared Thermometer

- Dual lasers assist with target area identification
- 50:1 distance to spot size ratio
- Digitally adjustable emissivity
- Audible (beep) and visual (tri-color LED) user adjustable alarms
- Max, Min, Avg and Differential readings
- Store up to 5 pre-set high & low alarms and 5 emissivity settings
- Includes battery and soft carrying case

Model No R2330

Thermal Imaging Camera

- 160 x 120 IR resolution (19,200 pixels)
- 0.05°C thermal sensitivity
- 2.8" color TFT display
- Built-in laser and LED flashlight
- Choice of 5 color palettes
- Hot and cold spot temperature and alarm indicators
- Includes USB cable, 16GB micro SD card, lens cover, and soft carrying case

Model No R2160

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 R8050

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
- Waterproof housing
- Includes protective cap, batteries and carrying case

Model No R3500

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 R8060

pH/ORP Meter/Datalogger

- Measures and records pH (0.00 to 14.00) and ORP (0 to 1999 mV) levels in water
- Manual or automatic temperature compensation (with optional ATC probe)
- Data hold and Min/Max functions
- Real time datalogger with integral SD memory card (optional)
- Includes batteries and soft carrying case

Model No R3000SD

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 R8080

Conductivity/TDS/Salinity Meter/Datalogger

- Measures and records conductivity (200µS to 200mS), total dissolved solids (200 to 200,000 ppm TDS) and salt (0 to 12%) levels in water
- Automatic temperature compensation
- Data hold and Min/Max functions
- Real time datalogger with integral SD memory card (optional)
- Includes probe, batteries and hard carrying case

Model No R3100SD

Sound Level Meter & Calibrator Kit

- R8050 Sound Level Meter
- R8090 Sound Level Calibrator
- R8888 Deluxe Hard Carrying Case

Model No R8050-KIT

pH/ORP Meter/Datalogger Kit

- R3000SD pH/ORP Meter/ Datalogger
- R3000SD-PH2 General purpose pH Electrode
- R3000SD-ORP ORP Electrode
- CA-05A Soft Carrying Case

Model No R3000SD-KIT