PRECISION
TEST & MEASUREMENT
INSTRUMENTS

PRODUCT GUIDE

REED TEST & MEASURE
INSTRUMENTS

HVAC | SAFETY | ELECTRICAL | INDUSTRIAL MAINTENANCE

Table of Contents

Test and Measure with Confidence

R5009 Pocket Multimeter + NCV

Features
- Auto-ranging multimeter and non-contact voltage detector
- Built-in flashlight
- Diode check and continuity test
- Cat. III, 1000V safety rating
- Includes test leads & batteries

Specifications
AC Voltage Range: 2.000, 20.00, 200.0, 600V
DC Voltage Range: 200mV, 2.000, 20.00, 200.0, 600V
AC/DC Current Range: 200.0, 2000µA, 20.00, 200mA
Resistance Range: 200.0Ω, 2.000, 20.00, 200.0kΩ, 2.000, 20.00MΩ

Accessories & Replacement Parts
CA-05A Soft Carrying Case

R5008 TRMS AC/DC Multimeter

Features
- Auto ranging AC/DC digital multimeter with temperature function
- Diode check and continuity test
- Data hold function
- Double molded plastic housing
- Cat. III, 600V safety rating
- Includes temperature input adapter, type K thermocouple wire probe, test leads, battery and carrying case

Specifications
AC/DC Voltage Range: 600V
AC/DC Current Range: 10A
Resistance Range: 40MΩ
Frequency Range: 10MHz
Capacitance Range: 200µF
Duty Cycle Range: 99.9%
Temperature Range: 1400°F (760°C)

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5010 Waterproof TRMS Multimeter

Features
- True RMS AC/DC voltage and current measurements
- Measures frequency, capacitance and temperature
- 4-20 mA process loop measurements with % readout
- Data hold, Max/Min recording mode
- IP67 rated (dust and waterproof)
- Cat. IV, 600V and Cat. III, 1000V safety ratings
- Includes temperature input adapter, Type K thermocouple wire probe, test leads, battery & carrying case

Specifications
AC/DC Voltage Range: 1000V
AC/DC Current Range: 10A
Resistance Range: 40MΩ
Frequency Range: 10MHz
Capacitance Range: 40mF
Duty Cycle Range: 99.9%
Temperature Range: 1400°F (760°C)

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5007 TRMS AC/DC Multimeter + NCV

Features

- Measures AC/DC voltage and current, resistance, frequency ratio, variable frequency voltage (VFC), capacitance and temperature
- True RMS AC voltage and current measurements
- Also capable of detecting non-contact AC voltage and current measurements (with optional clamp-on adapter)
- Diode test and continuity check functions
- Max/Min, Data hold and Relative modes
- Auto and manual ranging
- Cat. III, 600V safety rating
- Includes test leads, type K thermocouple probe with adapter and batteries

Specifications

AC/DC Voltage Range: 60.00, 600.0mV, 6.000, 60.00, 600.0V, 600V

AC/DC Current Range: 600.0, 6000µA, 60.00, 600.0mA, 6.000, 10.00A

Resistance Range: 600.0Ω, 6.000, 60.00, 600.0kΩ, 6.000, 60.00MΩ

Capacitance Range: 9.999nF, 99.99nF to 999.9µF, 9.999 to 99.99mF

VFC Range: 200.0 to 600V

Frequency Range: 9.999Hz to 9.999MHz

Temperature Range: -40 to 1832°F (-40 to 1000°C)

Duty Cycle: 0.1 to 99.9%

Accessories & Replacement Parts

R5900 Magnetic Hanging Strap
R1020 Fused Test Lead Set

R5005 Waterproof TRMS Multimeter w/Bluetooth

Features

- AC and DC voltage and current, resistance, capacitance, frequency and duty cycle measurements
- 10MHz frequency counter
- Temperature measurement capability
- True RMS AC voltage and current measurements
- Min/Max/Avg and Peak hold (>1ms) functions
- Store up to 10,000 recorded events
- Log multiple sessions or log data continuously for over 200 hours
- Bluetooth interface
- IP67 rated (dust and waterproof)
- Includes test leads, Type K temperature probe, rechargeable battery and software

Specifications

AC/DC Voltage Range: 50, 500mV, 5, 50, 500, 1000V

AC/DC Current Range: 500, 5000µA, 50, 500mA, 10A

Resistance Range: 50, 500Ω, 5, 50, 500kΩ, 5, 50MΩ

Capacitance Range: 5, 50, 500nF, 5, 50, 500µF, 10mF

Frequency Range: 50, 500Hz, 5, 50, 500kHz, 5, 10MHz

Temperature Range: -58 to 1832°F (-50 to 1000°C)

Accessories & Replacement Parts

R1020 Fused Test Lead Set

R5020 AC Clamp Meter + NCV

Features
- Measures AC current, AC and DC voltage, resistance, capacitance, as well as temperature with included Type K thermocouple probe
- Diode test and continuity check
- Cat. III, 600V safety rating
- Includes test leads, temperature probe, batteries and carrying case

Specifications
AC Current Range: 40.00, 400.0 A
AC Voltage Range: 4.000, 40.00, 400.0, 600.0V
DC Voltage Range: 400.0mV, 4.000, 40.00, 400.0, 600.0V
Resistance Range: 400.0Ω, 4.000, 40.00, 400.0kΩ, 4.000, 40.00MΩ
Capacitance Range: 40.00, 400.0nF, 4.000, 40.00, 100.0μF
Temperature Range: -4.0 to 1400.0°F (-20.0 to 760.0°C)

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5030 TRMS AC/DC Clamp Meter + NCV

Features
- Measures AC/DC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle & temperature with a type K thermocouple probe
- Non-contact AC voltage detector in clamp tip
- Max/Min, Data hold and Relative functions
- Cat. III, 600V safety rating
- Includes test leads, temperature probe, batteries and carrying case

Specifications
AC/DC Current Range: 50.00, 500.0A
AC Voltage Range: 500.00mV, 5.0000, 50.000, 500.00, 750.0V
DC Voltage Range: 500.00mV, 5.0000, 50.000, 500.00, 1000.0V
Resistance Range: 500.00Ω, 5.000, 50.000, 500.00kΩ, 5.0000, 50.000MΩ
Frequency Range: 10.000kHz
Capacitance Range: 500.00, 5000.0nF, 50.00, 500.0μF, 5.000mF
Temperature Range: 148.0 to 1832.0°F (-100.0 to 1000.0°C)

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5040 TRMS AC/DC Clamp Meter

Features
- Measures AC and DC voltage and current, resistance, capacitance and frequency as well as temperature with the included type K thermocouple probe
- Diode and continuity test with beeper
- Max/Min and Relative (zero) functions
- Cat. III, 600V safety rating
- Includes test leads, temperature probe, battery and carrying case

Specifications
AC/DC Current Range: 500.00, 1000.0A
AC Voltage Range: 500.00mV, 5.000, 50.00, 500.0, 750.0V
DC Voltage Range: 500.00mV, 5.000, 50.00, 500.0, 1000.0V
Resistance Range: 500.00Ω, 5.000, 50.00, 500.0kΩ, 5.000, 50.00MΩ
Capacitance Range: 500.00, 5000.0nF, 50.00, 500.0μF, 5.000mF
Frequency Range: 10.000kHz
Temperature Range: -148.0 to 1832.0°F (-100.0 to 1000.0°C)

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5050 TRMS AC/DC Clamp Meter

Features
- Max/Min and Data Hold functions
- Peak Hold function
- Diode and continuity test with beeper
- Auto or manual ranging
- Cat. II, 1000V & Cat. III, 600V safety ratings
- Includes test leads, battery and carrying case

Specifications
AC/DC Current Range: 40A, 400A, 1000A
AC Voltage Range: 400V, 750V
DC Voltage Range: 400V, 1000V
Resistance Range: 400Ω, 4000Ω
Frequency Range: A & V: 4kHz, 10kHz

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5060 TRMS AC/DC Clamp Meter

Features
- Full function autoranging digital multimeter includes AC/DC voltage, current, resistance, capacitance, frequency, duty cycle, diode and continuity
- DC current push button zero, relative measurements and data hold
- Cat. III, 1000V safety rating
- Includes test leads and battery

Specifications
AC/DC Current Range: 400A, 2000A
AC Voltage Range: 4V, 40V, 400V, 1000V
DC Voltage Range: 400mV
Resistance Range: 400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ
Frequency Range: 5Hz, 50Hz, 500Hz, 5kHz, 50kHz, 100kHz
Capacitance Range: 50nF, 500nF, 5µF, 50µF

Accessories & Replacement Parts
R1020 Fused Test Lead Set
CA-05A Soft Carrying Case

R5700 Earth Resistance Clamp Meter

Features
- Resolution of 0.001Ω for low resistance measurements
- Stores up to 99 resistance measurements
- Measures leakage current to 1mA and neutral current to 20A
- Includes 3 resistance calibration loops (1Ω, 5Ω and 10Ω), batteries and hard carrying case

Specifications
Resistance Range: 0.01-0.999Ω, 1-9.99Ω, 10-99.9Ω, 100-199.9Ω, 200-400Ω, 400-600Ω, 600-1200Ω
Current Range: 100mA, 300mA, 1A, 3A, 10A, 20A

R5015 AC Leakage Current Tester

Features
- 10µA resolution
- Max/Min and Data hold
- Overload protection
- Includes test leads, batteries and soft carrying case

Specifications
Current Range: 40mA to 100A AC
Voltage Range: 400 VAC
Resistance Range: 40 to 400Ω
Continuity Test: 40Ω threshold, beeper at 2.5kHz

Accessories & Replacement Parts
R1020 Fused Test Lead Set

CP-09 AC Current Adapter

Features
- Ideal tool to extend the current range for all multimeters
- Voltage output of 1 mV/A via standard banana inputs

Specifications
AC Current Range: 200A

R5950 AC/DC Current Adapter

Features
- Converts any digital multimeter into an AC/DC current clamp

Specifications
AC/DC Current Range: 200A, 2000A

R5000 Watt Meter

Features
- True RMS current and voltage measurements
- Measures Watts (AC), AC A, AC V, and pF
- Large dual display LCD with backlight
- Full function auto range
- Max/Min record
- Data hold
- Includes 1 pair of test leads (red & black)

Accessories & Replacement Parts
R1020 Fused Test Lead Set
CA-05A Soft Carrying Case

R5600 Insulation Tester

Features
- Test voltage combinations: 250V, 500V or 1000V
- 1mA test current for MΩ range at rated voltage
- 200mA test current for continuity range
- Continuity test with beeper
- Data hold switch
- Test button may be locked on for hands-free operation
- Cat. III, 1000V safety rating
- Includes test leads, batteries and hard carrying case

Specifications
Test Voltages: 250V, 500V, 1000V
Insulation Resistance Range: 200MΩ, 2000MΩ
Resistance Range: 200Ω, 2000Ω
Voltage Range: 750VAC; 1000VDC
Continuity Range: Beeps ≤40Ω
Test Current: ≤200mA

Accessories & Replacement Parts
R1020 Fused Test Lead Set

R5002 Insulation Tester

Features
- Wide range measurements from 500V to 5000V and up to 60GΩ
- Sources up to 1.2mA current during tests to offset capacitance load
- Polarization index measurement (PI)
- Dielectric absorption ratio measurements (DAR)
- Max/Min, Peak, Relative value and Data Hold functions
- Cat. IV, 600V safety rating
- Includes test leads, batteries and carrying case

Specifications
Insulation Resistance
Test Voltages: 500V, 1000V, 2500V, 5000V DC
Measurement Range: 0 to 60.0GΩ
Resistance Tests
Measurement Range: 0.1 to 6000Ω
Voltage Tests
Measurement Range:
0.5 to 600.0V AC/DC

R5406 & R5408 Decade Boxes

Features
- 3 binding posts permit isolated substitutions
- Slide switches allow user to simply add or subtract for desired value
- Excellent for circuit development

Specifications
R5406 Capacitance Decade Box
Range: 100 pF to 11,111 μF, 5 ranges
Resolution: 100 pF per step
Accuracy: ±1% of reading
R5408 Resistance Decade Box
Range: 1 to 11,111,110Ω, 7 ranges
Resolution: 1Ω increments
Accuracy: ±1% of reading

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R5001 LCR Meter

Features
- Measure inductance/capacitance/resistance with secondary parameters including dissipation factor (D), quality factor (Q), phase angle (Ø), equivalent series/parallel resistance (ESR or Rp)
- Autoranging operation for AC impedance and DE resistance measurement
- Auto LCR smart check and measurement
- Series/Parallel modes
- Ls/Lp/Cp with D/Q/Ø/ESR parameters
- Support DCR mode 200 to 200MΩ
- High accuracy with 4 or 5 terminal Kelvin measurement
- Testing frequency is up to 10kHz and output frequency is up to 100kHz
- IP67 rated (dust and aaterproof)
- Includes test leads and batteries

Specifications
Inductance (F=1kHz)
Range: 2000.0μH/20.000/200.0/2000.0mH/20.000/200.00/2000.0H
Capacitance (F=1kHz)
Range: 2000.0pF/20.000/200.00/2000.0nF/20.00/200.00/2000μF
Resistance (F=1kHz)
Range: 20.000/200.00Ω/2.0000/20.000/200.00kΩ/2.0000/20.000/200.0MΩ
Test Frequencies: 100/120/1k/10k/100k Hz

K5090 Milliohmmeter

Features
- 4 terminal input for high accuracy of low resistance
- Large LCD display
- Zero adjustment
- Built-in overload protection
- Includes 4-wire leads with 2 kelvin clips, protective case, power cord and shoulder strap

Specifications
Measuring Range: 0.1mΩ to 2000Ω, 5 ranges

K5090 Milliohmmeter, 110V
K5090-230V Milliohmmeter, 230V

R5800 Voltage/Current Simulator

Features
- Sources voltage and current
- Automatic calibration
- User selectable auto power-off
- Selectable step or ramp outputs
- Includes test leads, alligator clips, protective holster, carrying case and battery

Specifications
DC Voltage Range: 10V
Output Range: 0.00 to 11.000V
Accuracy: ±0.05% setting
DC Current Range: 20mA
Output Range: 0.000 to 22.000mA
Accuracy: ±0.05% setting + 4μA
Analog Transducer: -20mA
Output Range: 0.000 to -22.000mA
Accuracy: ±0.05% setting + 4μA
Loop Power: 24V
Accuracy: ±10%

R8800 Voltage/Current Calibrator

Features
- Measure and calibrate current signals
- Provides a precise current and DC mV source
- Able to power or measure a 2-wire current loop
- Drives loads up to 500Ω
- LCD display with a maximum of 1999 counts
- Includes test leads and battery

Specifications
Source & Measurement
Current Range: 0 to 19.99mA; 0 to 24mA
Resolution: 0.01mA; 0.1mA
Accuracy: ±(0.25% f.s. + 1 dgt.); ±(0.5% f.s. + 1 dgt.)
DC mV Source
Voltage Range: -199.9mV to +199.9mV
Resolution: 0.1mV
Accuracy: ±(0.25% f.s. + 1 dgt.)

Accessories & Replacement Parts
CA-05A Soft Carrying Case

R5820 Loop Calibrator

Features
- mA sourcing, simulation and measurement
- 0-28 VDC measurement to check loop voltage
- Simulate mA and % of span display
- 24V loop power supply
- 0.02% accuracy and 0.001% of span display
- Selectable step or ramp outputs
- Includes test leads, alligator clips, protective holster, soft carrying case and battery

Specifications
Measurement Function
DC Voltage Range: -0.200 to 28.000V
Accuracy: ±0.02% reading ± 2mV
DC Current Range: -1.000 to 22.000mA
Accuracy: ±0.02% reading + 4µA
Loop Current Range: 0.000 to 22.000mA
Accuracy: ±0.02% reading + 4µA
Output Function
DC Current Range: 0.000 to 22.000mA
Accuracy: ±0.05% setting + 4µA
Analog Transducer: 0.000 to -22.000mA
Accuracy: ±0.05% setting + 4µA
Loop Power: 24V
Accuracy: ±10%

R5090 Power Meter

Features
- Calculates operating costs of household appliances
- Simply set the local utility rate in Killowatt-hours (KWH) and connect an appliance to start tracking cost
- Displays 8 important units of measure (Voltage, Current, Watts, Frequency, Power Factor, Energy used (kWh), Total Cost and Elapsed Time)
- Built-in battery backup

Specifications
AC Voltage Range: 100 to 150V
AC Current Range: 0 to 15A
Power: 0 to 1800W
Power Factor: 0 to 1.00
Frequency: 45 to 65Hz

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R5300 Continuity Tester

Features
- Local and remote continuity tester
- Visual (flashing bi-color LEDs) and audible (pulsating beeper) indicators
- Probe flashes green or red to indicate polarity
- Connect alligator clips to suspend instrument from wire/cable; remote probe allows for one person operation
- Capable of sending signals on cable/wire runs up to 10,000 ft (3000m)

Accessories & Replacement Parts
CA-52A Soft Carrying Case

R5004 Phase & Motor Rotation Tester

Features
- Tests phase orientation of 3-phase power sources
- Indicates phase orientation (clockwise or counter-clockwise and whether each of the three phases is live)
- LEDs display motor rotation and phase status
- Easy to open alligator clips with wide jaws
- Cat. III, 600V safety rating
- Includes cables with 3 color-coded alligator clips, battery and carrying case

Specifications
Input Voltage: 40 to 600 VAC
Operating Frequency: 2 to 400 Hz

R5044 Non-contact Phase Rotation Tester

Features
- Non-contact voltage sensing alligator clips
- LEDs with adjustable brightness indicate phase orientation (clockwise or counter-clockwise and whether each of the three phases is live)
- Beeper sounds intermittently when detecting correct phase and continuously for a reversed phase
- Housing with magnets for frees-hands measurement
- Cat. III 1000V and Cat. IV 600V safety ratings
- Includes cables with 3 color-coded alligator clips, battery and carrying case

Specifications
Input Voltage: 75 to 1000 VAC
Operating Frequency: 45 to 65Hz
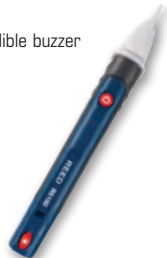

R5100 Non-contact AC Voltage Detector

Features
- Signals the presence of AC voltage with an LED light and audible buzzer
- Built-in flashlight
- Double insulated housing for increased safety
- Cat. III, 1000V and Cat. IV, 600V safety ratings
- Includes batteries

Specifications
AC Voltage Range: 90 to 1000V
Max. Working Current: 32mA

R5003 AC Voltage/Current Data Logger

Features

- Simultaneously measure 2 True RMS AC voltage inputs OR 2 AC current inputs OR 1 AC voltage and 1 AC current input
- User programmable high/low alarms
- User programmable sample rates from 1s to 24h
- LCD indicates time/date, current readings, Max/Min, Peak hold and whether alarm settings have been exceeded
- Stores up to 256,000 measurements
- Download data through USB interface
- Includes AC current clamp sensor and voltage sensor, USB cable, software and battery
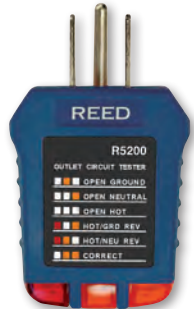
Specifications

AC Current Range: 10 to 200A
AC Voltage Range: 10 to 600V

R5200 Outlet Circuit Tester

Features

- Verifies that the outlet can provide power to a device
- Tests whether the outlet is properly wired
- Performs the entire array of tests by simply plugging the device into the outlet once and observing the state of the lights
- Easy to read light pattern chart is printed on tester, enabling the user to quickly match the results to the corresponding wiring problem

Specifications

Rated Working Voltage: 110 to 125 VAC

R5500 Circuit Breaker Finder/ Receptacle Tester

Features

- 3-in-1: Circuit Breaker Finder, Circuit Tester and GFCI Receptacle Tester
- Identify correct circuit breaker protecting a specific electrical circuit without service interruption
- Consists of a transmitter and a receiver
- Transmitter generates a signal by a plug style tool that also verifies the correct wiring of outlets with colored LED's and includes GFCI test functionality
- With the transmitter plugged in and the receiver at the circuit breaker panel, the receiver will detect the signature emitted from the transmitter and confirm the line between receptacle and circuit
- As the receiver scans over the breaker panel, an audible alarm ("tick" sound) and bright LED (flashing red) will alert the user as it approaches the breaker associated with the circuit under test
- Adjustable sensitivity to help quickly identify circuit breaker
- Receiver operates on one 9V battery (included)

Specifications

Rated Working Voltage: 90 to 120 VAC
Power Supply: 9V battery (receiver)

ST-MULTIKIT Multimeter Combo Kit

Includes the following
- R5008 Digital Multimeter w/ Temperature
- R5040 TRMS AC/DC Clamp Meter + NCV
- R5100 Non-contact AC Voltage Detector
- R5400 AC Line Splitter
- R1000 Safety Test Lead Set
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R9950 Soft Carrying Case

ST-ELECTRICKIT Electrician's Combo Kit

Includes the following
- R5020 AC Clamp Meter + NCV
- R5009 Multimeter + NCV
- R5100 Non-contact AC Voltage Detector
- R1000 Safety Test Lead Set
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R9950 Soft Carrying Case

ST-ELECTRICKIT-2 Electrician's Combo Kit

Includes the following
- R5010 TRMS Waterproof Multimeter
- CP-09 AC Current Adapter
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R1000 Safety Test Lead Set
- R5400 AC Line Splitter
- R9950 Soft Carrying Case

ST-HVACKIT HVAC Combo Kit

Includes the following
- R5010 TRMS Waterproof Multimeter
- R5030 TRMS AC/DC Clamp Meter + NCV
- R5100 Non-contact AC Voltage Detector
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R1000 Safety Test Lead Set
- R9950 Soft Carrying Case

RINDUST-KIT Industrial Combo Kit

Includes the following
- R5010 TRMS Waterproof Multimeter
- R5020 AC Clamp Meter
- R2002 Infrared Thermometer
- R5100 Non-contact AC Voltage Detector
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R1000 Safety Test Lead Set
- R8890 Deluxe Carrying Case

R5500-KIT Electrical Troubleshooting Kit

Includes the following
- R5500 Circuit Breaker Finder
- R5300 Continuity Tester
- R5100 Non-contact AC Voltage Detector
- R9950 Soft Carrying Case

R5009-KIT Electrical Test Kit

Includes the following
- R5009 Digital Multimeter
- R5200 Receptacle Tester
- R5100 Non-contact AC Voltage Detector
- C-820 Soft Carrying Case

R5400 AC Line Splitter

Features
- Enables clamp meter user to measure AC current on a 2-wire or 3-wire power cord to 15A
- Plugging the power connector into the line splitter separates the hot/ live conductor from the neutral and ground
- Provides safe measurements of current without the need to cut off the plug and separate the conductors
- Voltage check function

AD-1 Temperature Input Adapter

Features
- Converts a type K probe with a mini connector to standard 3/4" banana jacks

Industrial Test Leads

R1050 Safety Test Leads
- ø4mm, 100cm long safety test leads (one black, one red)
- Right angle sheathed banana plug to straight sheathed banana plug

To be used in conjunction with **R1050**

R1210 Safety Alligator Clips

R1200 Safety Test Clips
- Push-on safety test clips with insulated, nickel-plated jaws for gripping objects up to 3/8"

R1100 Basic Test Probes
- Tips include banana-style spring contacts with nickel-plated brass ends

R1110 Safety Test Probes
- Push-on safety test probes with stainless steel tips

R1120 Safety Test Probes
- Industrial test probes with stainless steel tips

R1130 Safety Jaw Clips

Industrial Test Leads

R1000 Safety Test Leads
- Set of two 48" long leads, one black and one red
- Flexible silicone insulated safety test leads are heat and cold resistant
- Distinctive comfort grip test probes with stainless steel tips

R1220 Safety Alligator Clips
- Slide-on style for test probes
- Jaws open to 8mm

R1000 Safety Test Lead Kit
- Same as above with R1220 safety alligator clips

R1020 Fused Test Lead Set
- Lead length: 1.4 meters
- Compatible with all instruments that accept standard 4mm shrouded banana connectors

R1020-0.2A/250V Replacement Fuses

P-15 Weatherproof Plugs

R1050-KIT Safety Test Lead Kit

Includes the following
- R1050 Safety Test Leads
- R1210 Safety Alligator Clips
- R1110 Safety Test Probes
- CA-52A Soft Carrying Case

R1050-KIT2 Deluxe Safety Test Lead Kit

Includes the following
- R1000 Safety Test Leads
- R1050 Safety Test Leads
- R1220 Safety Alligator Clips
- R1210 Safety Alligator Clips
- R1100 Basic Test Probes
- R1110 Safety Test Probes
- R1120 Safety Test Probes
- R1130 Safety Jaw Clips
- R1200 Safety Test Clips
- CA-05A Soft Carrying Case

REED

COMBINATION KITS

Save with our extensive line of application specific kits.

RINDUST-KIT

ST-ELECTRICKIT

R2300 Infrared Thermometer

Features
- Built-in laser pointer identifies target area
- 12:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max/Min readings and display hold
- High and low alarms with audible indicators
- Includes battery

Specifications
Temperature Range: -25.6 to 752°F (-32 to 400°C)
Accuracy: ±4°F (2°C) or ±2% rdg.
Optical Resolution (D:S): 12:1
Emissivity: 0.1 to 1.0 (Adjustable)
Spectral Response: 8 to 14μm

Accessories & Replacement Parts
R9990 Soft Carrying Case

R2310 Infrared Thermometer

Features
- Built-in laser pointer identifies target area
- 12:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- High and low alarms with visual indicators
- IP65-rated double-molded housing
- Includes battery and carrying case

Specifications
Temperature Range: -31 to 1202°F (-35 to 650°C)
Accuracy: ≥32°F (0°C): ±3.6°F (1.8°C) or
±1.8% rdg., whichever is greater;
<32°F (0°C): ±3.6°F + 0.1°F (1.8°C + 0.1°C)/rdg.
Optical Resolution (D:S): 12:1
Emissivity: 0.1 to 1.0 (Adjustable)
Spectral Response: 8 to 14μm

R2320 Infrared Thermometer

Features
- Built-in laser pointer identifies target area
- 30:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- EBTN color display
- Audible (beep) and visaul (tri-color LEDs) user adjustable alarms
- Internal memory stores up to 5 pre-set high and low alarms and 5 emissivity settings
- Includes battery and carrying case

Specifications
Temperature Range: -26 to 1472°F (-32 to 800°C)
Accuracy: ±1.8% of reading or 3.6°F (1.8°C)
Optical Resolution (D:S): 30:1
Emissivity: 0.1 to 1.0 (Adjustable)
Spectral Response: 8 to 14μm

R2330 Infrared Thermometer

Features
- Built-in dual laser pointers identify target area
- 50:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Average and Differential readings
- EBTN color display
- Audible (beep) and visaul (tri-color LEDs) user adjustable alarms
- Internal memory stores up to 5 pre-set high and low alarms and 5 emissivity settings
- Includes battery and carrying case

Specifications
Temperature Range: -26 to 2282°F (-32 to 1250°C)
Accuracy: ±1.8% of reading or 3.6°F (1.8°C)
Optical Resolution (D:S): 50:1
Emissivity: 0.1 to 1.0 (Adjustable)
Spectral Response: 8 to 14μm

R2020 Video Infrared Thermometer

Features
- Air temperature, humidity, dew point and wet bulb temperature measurement
- Type K thermocouple input for contact temperature measurement
- Dual lasers assist with target area identification
- 50:1 distance to spot size ratio
- Digitally adjustable emissivity from 0.1 to 1.0
- 2.2" TFT color LCD and built-in 640 x 480 pixels camera
- Transmit images and videos via USB interface
- Datalogger capabilites with date and time
- Includes type K thermocouple probe, AC adapter, USB adapter, mini-tripod, li-ion rechargeable battery and hard carrying case

Specifications
IR Temp. Range: -58 to 3992°F (-50 to 2200°C
Accuracy: ±1.8% rdg. or 3.6°F (1.8°C)
Type K Temp. Range: -58 to 2498°F (-50 to 1370°C)
Accuracy: ±0.5% or 0.9°F (±0.5°C)
Air Temp. Range: 32 to 122°F (0 to 50°C)
Dew Point/Wet Bulb Temp. Range: 32 to 122°F (0 to 50°C)
Humidity Range: 0 to 100% RH

FS-200 Food Service Infrared Thermometer

Features
- Specifically designed and calibrated to meet food service industry requirements
- Built-in laser pointer identifies target area
- 8:1 distance to spot size ratio
- Fixed emissivity covers 90% of all applications
- User settable alarm, with audible/visual signals
- Includes battery and carrying case

Specifications
Temperature Range: -58 to 392°F (-50 to 200°C)
Accuracy: -50 to -20°C (-58 to -4°F): ±5°C (±9°F)
-20 to 200°C (-4 to 392°F):±2% rdg. or ±2°C (±4°F)
Optical Resolution (D:S): 8:1
Emissivity: 0.95 (Fixed)
Spectral Response: 6 to 14μm

REED-INSPECT-KIT Home Inspection Kit

Includes the following

- 8706 Digital Psychrometer
- R6015 Wood Moisture Detector
- R6010 Pinless Moisture Meter
- R8004 Laser Distance Meter
- R2300 Infrared Thermometer
- R9950 Soft Carrying Case

RTEMP-KIT Temperature Combo Kit

Includes the following

- R5008 Digital Multimeter w/ Temperature
- R2002 Infrared Thermometer
- R5100 Non-contact AC Voltage Detector
- AD-1 Temperature Input Adapter
- TP-01 Type K Thermocouple Wire Probe
- R1000 Safety Test Lead Set
- R8888 Deluxe Carrying Case

ST-HVACKIT2 HVAC Combo Kit

Includes the following

- R2320 Infrared Thermometer
- R5100 Non-contact AC Voltage Detector
- C-380 Refrigerant Leak Detector
- C-383 Combustible Gas Detector

C-370 **Waterproof RTD Thermometer**

Features
- Platinum resistor temperature sensor requires less temperature compensation than thermocouple units
- Selectable sensor types: Pt-100, Pt-500, Pt-1000 (4 wires)
- °F/°C switchable
- Min/Max/Avg functions
- Relative mode and Data hold
- IP67 rated (dust and waterproof)
- Includes piercing type temperature probe and batteries

Specifications
Temperature Range: -148 to 572°F (-100 to 300°C)
Accuracy: ±0.1% reading +0.8°F (+0.4°C)

Accessories & Replacement Parts
TP-R01 Pt-100 Temperature Probe
CA-05A Soft Carrying Case

SD-947 **Thermocouple Thermometer/ Data Logger**

Features
- Measures & displays 4 separate temperatures simultaneously
- Calculates and displays temperature differentials (T1-T2)
- Accepts Type K, J , R, S, E, T thermocouples & Pt-100Ω RTD
- Data hold and Max/Min record
- Real time SD memory card datalogger with a built-in clock and calendar
- Sampling time set from 1 second to 3600 seconds
- No extra software needed, just plug the SD card (sold seperately) into the computer and it downloads directly to Excel
- Easy to read LCD with backlight
- **SD-947DELUXE** includes:
  SD-947 Thermocouple Thermometer,
  R2920 Surface Probe, R2940 Air/Gas Probe,
  R2950 Immersion Probe, R2960 Needle Tip Probe
  and R8890 Deluxe Hard Carrying Case

Specifications
Type K Temp. Range: -148.0 to 2372°F (-100.0 to 1300.0°C)
Type J Temp. Range: -148.0 to 2192°F (-100.0 to 1200.0°C)
Type T Temp. Range: -148.0 to 752.0°F (-100.0 to 400.0°C)
Type E Temp. Range: -148.0 to 999.9°F (-100.0 to 900.0°C)
Type R Temp. Range: 32 to 3092°F (0 to 1700°C)
Type S Temp. Range: 32 to 2732°F (0 to 1500°C)
RTD Temp. Range: -327.9 to 1562.0°F (-199.99 to 850.0°C)

Accessories & Replacement Parts
SD-947-RTD PT100 RTD Temperature Probe
TP-01 Type K Thermocouple Wire Probe
SW-U801-WIN
  Data Acquisition Software
USB-01 USB Cable
SD-4GB 4GB SD Memory Card
R1500 Tripod
AP-9VA-110V AC Adapter
CA-05A Soft Carrying Case

R2400 Thermocouple Thermometer

Features
- Single input thermocouple thermometer designed for field use
- Large LCD display with backlight
- User selectable °C, °F or °Kelvin
- User selectable resolution of 0.1 or 1°F (0.1 or 1°C)
- Accepts K-type thermocouple probes (sold separately)
- Includes holster, TP-01 thermocouple wire probe and battery
- **R2400-KIT** includes:
  R2400 Thermocouple Thermometer,
  R2920 Surface Probe, R2940 Air/Gas Probe,
  R2950 Immersion Probe, TP-01 Type K Thermocouple
  Wire Probe and R8890 Deluxe Hard Carrying Case

Specifications
Temperature Range: -58 to 2000°F (-50 to 1300°C)
Accuracy: ±(0.5% reading + 2°F (1°C))

Accessories & Replacement Parts
R1500 Tripod

Type K Thermocouple Probes

R2920 Surface Probe
- Measurement range: -58 to 932°F (-50 to 500°C)
- Designed for flat or convex surface temperature measurements
- Exposed ribbon allows for direct contact with surface
- Dimensions: Probe: 6.3" (160mm);
  Handle: 5" (125mm); Wire: 39" (100cm)

R2930 Right Angle Surface Probe
- Measurement range: -58 to 932°F (-50 to 500°C)
- Allows for temperature measurement of hard to reach areas, like inside pipes and flat surfaces, while keeping hands away from heated area
- Dimensions: Probe: 6.3" (160mm);
  Handle: 5" (125mm); Wire: 39" (100cm)

R2940 Air/Gas Probe
- Measurement range: -58 to 932°F (-50 to 500°C)
- Perforated stainless steel shield permits fast response and element protection
- Dimensions: Probe: 6.3" (160mm);
  Handle: 5" (125mm); Wire: 39" (100cm)

R2950 Immersion Probe
- Measurement range: -58 to 1112°F (-50 to 600°C)
- For checking the temperature of water, oils and non-corrosive fluids and gels
- Dimensions: Probe: 6.1" (156mm);
  Handle: 5" (127mm); Wire: 39" (100cm)

R2960 Needle Tip Probe
- Measurement range: -58 to 1112°F (-50 to 600°C)
- Designed for food, gels and liquids
- Dimensions: Probe: 6.1" (156mm);
  Handle: 5" (127mm); Wire: 39" (100cm)

TP-01 Type K Thermocouple Wire Probe

LS-181 & LS-182 Type K Thermocouple Connector
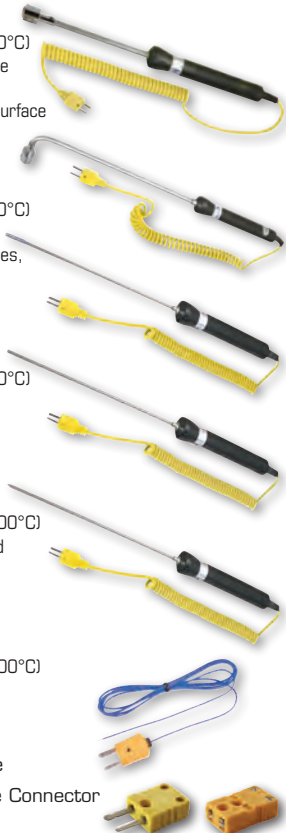
R2800 Temperature Simulator

Features
- Source 8 thermocouple types (R, S, B, E, K, J, T & N) and 7 RTD types (Cu10, Cu50, Pt10, Pt100, Pt200, Pt500 & Pt1000)
- Also provides direct setting for electrical output signals, volts and ohms
- Basic accuracy of 0.05%
- Internal cold junction compensation
- Quick reset with zero button
- 6-digit LCD readout, °C or °F selectable
- Includes set of industrial test leads, alligator clips, thermocouple adapter, protective holster, battery, and soft carrying case

Specifications
Output Voltage Range: 100mV; 1000mV
Resistance Range: 400Ω, 4000Ω

R2810 Thermocouple Calibrator

Features
- Operable with eight types of thermocouple including R, S, B, E, K, J, T, N, plus volts
- Measure temperature from thermocouple probes
- Simulate TC output
- Calibrate linear TC transmitters with mV source function
- Internal cold junction compensation
- Quick reset with zero button
- 6-digit LCD readout; selectable °C or °F
- Thermocouple mini-jack termination
- Includes set of industrial test leads, alligator clips, thermocouple adapter, protective holster and batteries

Specifications
Output Voltage Range: 100mV; 1V
Accuracy: 0.05% rdg. + 30μV; 0.05% rdg. + 0.3mV

BX-500 Infrared Temperature Calibrator

Features
- For calibrating non-contact infrared thermometers up to 932°F (500°C)
- Wide field of view to compensate for optical variations in individual infrared thermometers
- Simply set the desired temperature in increments of 0.1°, wait for the calibrator to attain equilibrium, point the infrared thermometer at the target, and measure the radiated energy
- Contact RTD reference well is located directly behind the blackbody target to assure even higher accuracies of ±0.1°C

Specifications
Temperature Range: 122.0 to 932.0°F (50.0 to 500.0°C)
Accuracy: ±1.6°F (±0.8°C): 212°F (≤100°C);
  ±3.2°F (±1.6°C): 212 to 392°F
  (100 to ≤200°C);
  ±5.6°F (±2.8°C): 392 to ≤932°F
  (200 to ≤500°C)
Target Emissivity: Fixed at 0.95
Cooling Time: 45 minutes to 122°F
  (100°C)
Heating Time: 40 minutes to maximum
Aperture Diameter: 57mm

R2000 Digital Stem Thermometer

Features
- Stainless steel 4.75" (121mm) stem
- Water-resistant construction
- Easy to read LCD display
- User selectable °C, °F
- Front panel calibration button
- Includes protective probe cover and battery

Specifications
Temperature Range: -40 to 450°F (-40 to 230°C)
Accuracy: ±1.0°F: 0 to 230°F; ±3.6°F: <0°F & >230°F

R2222 Digital Stem Thermometer

Features
- Stainless steel 4.65" (118mm) stem
- Easy-to-read LCD display
- User selectable °C, °F
- Max/Min and data hold functions
- Includes protective probe cover and battery

Specifications
Temperature Range: -40 to 482°F (-40 to 250°C)
Accuracy: 1.5% reading ±2°

LM-81HT Thermo-Hygrometer

Features
- Dual display shows ambient temperature and relative humidity
- User selectable °F/°C
- Data Hold and Min/Max function
- Compact and lightweight
- Includes battery

Specifications
Temperature Range: 32 to 122°F (0 to 50°C)
Accuracy: ±2.5°F (1.2°C)
Humidity Range: 10 to 95% RH
Accuracy: ±5% RH

Accessories & Replacement Parts
CA-52A Soft Carrying Case

R1910 Thermo-Hygrometer

Features
- Simultaneously displays temperature and relative humidity
- Compact design for one-handed operation
- Backlit dual LCD display
- User selectable °F/°C
- Max, min and data hold functions
- Includes 3 "AAA" batteries

Specifications
Temperature Range: 14 to 140°F (-10 to 60°C)
Accuracy: ±2.0°F (1.0°C)
Humidity Range: 0 to 100% RH
Accuracy: ±5% RH

R6001 Thermo-Hygrometer

Features
- Dual LCD readout displays ambient temperature and relative humidity
- User selectable °F / °C
- Min/Max memory for both functions
- Data hold and Relative functions
- Auto power off
- Includes battery

Specifications
Temperature Range: -4 to 140°F (-20 to 60°C)
Accuracy: ±1.6°F (0.8°C)
Humidity Range: 0 to 100% RH
Accuracy: ±3% RH

Accessories & Replacement Parts
R9933 33% Humidity Calibration Standard
**R9975** 75% Humidity Calibration Standard
CA-52A Soft Carrying Case

R6000 Temperature/Humidity Monitor

Features
- Measures indoor/outdoor temperature and humidity
- User selectable unit of measure °F/°C
- Internal memory stores min/max temperature and humidity readings
- Waterproof sensor for outdoor temperature measurement with 6' (72") cable
- Built-in alarm clock and time display
- Humidity comfort icons: wet/comfort/dry
- Includes battery
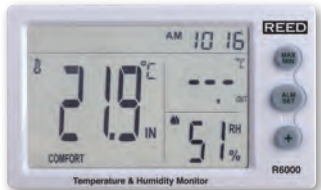
Specifications
Temperature Range (Indoor): -10 to 50°C (14 to 122°F)
Temperature Range (Outdoor): -40 to 50°C (-40 to 122°F)
Humidity Range: 20 to 95% RH

8706 Digital Psychrometer

Features
- Provides simultaneous relative humidity and air temperature readings
- Automatically calculates wet bulb and dew point temperatures
- Optional external probe (87P6) for contact/differential temperature measurement
- User selectable °F/°C
- Max/Min/Avg readings
- Data Hold function
- Includes battery

Specifications
Humidity Range: 0 to 100% RH
Air Temp. Range: -4 to 158°F (-20 to 70°C)
Contact Temp. Range: -4 to 122°F (-20 to 50°C)
Dew Point Range: -109.7 to 122°F (-78.7 to 50°C)
Wet Bulb Range: -6.9 to 122°F (-21.6 to 50°C)

Accessories & Replacement Parts
87P6 External Temperature Probe
R9933 33% Humidity Calibration Standard
R9975 75% Humidity Calibration Standard

R6200 Heat Stress WBGT Meter

Features
- Measures ambient temperature, humidity, wet bulb temperature, black globe temperature, WBGT (wet bulb global temperature), heat stress index, dew point and pressure
- Heat Stress Index measures how hot it feels when humidity is combined with temperature, air movement and radiant heat
- Black Globe Temperature (GT) monitors the effects of direct solar radiation on an exposed surface
- In/Out function displays the WBGT value with or without direct sun exposure
- Maximum, Minimum, Average and Data Hold functions
- Internal memory stores up to 99 measurements
- User adjustable WBGT threshold alarm (audible)
- Includes batteries

Specifications
Air Temp. Range: 32 to 122°F (0 to 50°C)
Black Globe Temp. Range: 32 to 176°F (0 to 80°C)
WBGT Temp. Range (Indoor): 59 to 138.2°F (15 to 59°C)
WBGT Temp. Range (Outdoor): 59 to 132.8°F (15 to 56°C)
Humidity Range: 0 to 99.9% RH

Accessories & Replacement Parts
R9933 33% Humidity Calibration Standard
R9975 75% Humidity Calibration Standard
R1500 Tripod

SD-2010 Heat Stress WBGT Meter/ Data Logger

Features
- 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
- In/Out function displays the WBGT value with or without direct sun exposure
- Black Globe Temperature (TG) monitors the effects of direct solar radiation on an exposed surface
- Adjustable audible alarm
- User selectable unit of measure (°F or °C)
- Data hold and Max/Min functions
- Real-time datalogger with integral SD memory card
- Includes batteries and carrying case

Specifications
Humidity Range: 5 to 95% RH
Air Temp. Range: 32 to 122°F (0 to 50°C)
Dew Point Temp. Range: -13.5 to 120.1°F (-25.3 to 48.9°C)
Wet Bulb Temp. Range: -6.9 to 122.2°F (-21.6 to 50.0°C)
WBGT Temp. Range: Indoor: 32 to 138°F (0 to 59°C); Outdoor: 32 to 132°F (0 to 56°C)

Accessories & Replacement Parts
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
R1500 Tripod
AP-9VA-110V AC Adapter

SW700 Heat Stress Stop Watch

Features

- Measures temperature and humidity, and calculates heat index as well as dew point
- Combines air temperature and relative humidity measurements in an attempt to determine the human-perceived equivalent temperature or "how hot it feels"
- Stopwatch/chronograph mode with 1/100 second resolution
- Calendar mode displays day, date and time
- Fastest/Slowest/Average Lap recall
- 99 lap counter with 30 lap/split memory
- 10 hour countdown timer with audible beeper warning for the last 5 seconds
- 12 or 24 hour clock operation
- Full LCD display with LED backlight
- Silent operation option
- Dual power: solar panel and battery
- 1 ATM water resistant (IPX4 rated)

Specifications

Timing Capacity: 9 hrs, 59 mins, and 59 secs
Accuracy: ±3 seconds per day
Heat Index Range: 70 to 122°F (22 to 50°C)
Temperature Range: 23 to 122°F (-5 to 50°C)
Humidity Range: 1 to 99% RH

R6020 Temperature/Humidity USB Data Logger

Features

- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable measurement rate from 2s to 24h
- Alarm displays if user-defined max/min values are exceeded
- Simply plug into your USB port to begin downloading stored information
- Includes wall mount bracket and screws, protective USB cap, software, and battery

Specifications

Humidity Range: 0 to 100% RH
Temperature Range: -40 to 158°F (-40 to 70°C)

R6030 Temperature/Humidity Data Logger

Features

- Stores up to 16,000 temperature and 16,000 humidity readings
- User selectable measurement rate from 1s to 24h
- Visible alarm (LED) displays if user-defined max/min values are exceeded
- Real-time clock with date stamp
- Dual LCD displays current temperature, humidity, min/max and date/time
- Includes mounting bracket with screws, USB cable, software, security lock, and battery

Specifications

Humidity Range: 0 to 100% RH
Temperature Range: -40 to 158°F (-40 to 70°C)

Accessories & Replacement Parts

CA-52A Soft Carrying Case

SD-3007 Thermo-Hygrometer/ Data Logger

Features
- Measures relative humidity, ambient temperature and dew point wet bulb temperatures
- Contact temperature measurement with a type J or K thermocouple option
- Automatic temperature compensation
- Data hold and Max/Min record
- Real time data logger with integral SD memory card
- Just plug the SD card (sold seperately) into the computer and it downloads directly to Excel
- Includes humidity/temperature probe, batteries, and carrying case

Specifications
Humidity Range: 5% to 95% RH
Temperature Range: 32 to 122°F (0 to 50°C)
Dew Point Range: 13.5 to 120.1°F (-25.3 to 48.9°C)
Wet Bulb Range: -6.9 to 122.0°F (-21.6 to 50.0°C)
Type K Temp.Range: -148.0 to 2372°F (-100.0 to 1300.0°C)
Type J Temp.Range: -148.0 to 2192°F (-100.0 to 1200.0°C)

Accessories & Replacement Parts
R9933 33% Humidity Calibration Standard
R9975 75% Humidity Calibration Standard
TP-01 Type K Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
R1500 Tripod
AP-9VA-110V AC Adapter
CA-05A Soft Carrying Case

R6018 Dual Moisture Meter

Features
- Pin and Pinless functions detect moisture in wood and building materials (sheet rock, cardboard, plaster, concrete and mortar)
- Pinless measurement depth up to 1" (25mm)
- Classifies moisture status as: low, medium and high
- Audible alert that increases in frequency as detected moisture level rises
- Data Hold functions
- Replaceable pins
- Includes pins, protective cap and battery
- **R6018-KIT** Water Damage/Restoration Kit includes: R6018 Dual Moisture Meter, 8706 Digital Psychrometer, and C-820 Carrying Case

Specifications
Measuring Ranges: Pin Mode: 5 to 50% (wood);1.5 to 33% (building materials). Pinless Mode: 0 to 99.9% (wood and building materials)
Depth Detection: Pin mode: 0.3" (8mm); Pinless mode: up to 1" (25mm)

Accessories & Replacement Parts
R6018-P Replacement Electrode Pins

R6010 Pinless Moisture Meter

Features

- Detects moisture content in building materials of all kinds, as well as detects moisture distribution in walls, ceilings and floors
- Non-destructive - moisture sensor runs smoothly over the surface being tested without scratching or penetrating the surface
- Classifies moisture status as: dry, at risk or wet
- Measurement depth from 0.8 to 1.6" (20 to 40mm)
- Data Hold and Min/Max functions
- User adjustable alarms with audible and visual indicators
- Includes batteries

Specifications

Measuring Range: 0.0 to 100.0% Moisture Content
Moisture Status Display:
  Gypsum: <30%: Dry; 30-60%: At risk; >60%: Wet
  Cement: <25%: Dry; 25-50%: At risk; >75%: Wet
  Wood: <50%: Dry; 50-80%: At risk; >80%: Wet

Accessories & Replacement Parts

CA-05A Soft Carrying Case

R6013 Pocket Moisture Meter

Features

- Measures wood and building material moisture
- Detects moisture in sawn timber, sheet rock, cardboard, plaster, concrete and mortar
- Built-in measurement verification and battery check
- Replaceable pins
- Durable impact-proof plastic housing
- Includes protective cap and batteries

Specifications

Measuring Range: Wood: 6 to 44% Moisture Content; Hardened Material: 0.2 to 2.0% Moisture Content

Accessories & Replacement Parts

R6013-P Replacement Electrode Pin
CA-52A Soft Carrying Case

R6015 Wood Moisture Meter

Features

- Measures wood moisture with integrated pins or with remote hand-press probe
- Memory contains 8 wood groups with calibrations wfor approx. 170 species of wood
- Improved accuracy with use of included automatic temperature compensation probe
- Built-in 2-point calibration check
- Includes remote hand-press moisture electrode, ATC temperature probe, protective cap, replacement pins, batteries, and soft carrying case

Specifications

Measuring Range: 6 to 99.9% Moisture Content

Accessories & Replacement Parts

R6015-P Replacement Electrode Pin

R7900 Ultrasonic Thickness Gauge

Features
- Able to gauge thickness measurement without requiring access to both sides of the test piece
- Capable of performing measurements on a wide range of material including metals, plastic, ceramics, composites, epoxies, glass, and other ultrasonic conductive materials
- Zero function and sound velocity calibration
- Capable of logging 5 files with up to 100 measurements for each file (total of 500 logs)
- 128 x 64 LCD with LED backlight displays
- User selectable units of measure
- Includes transducer, couplant, batteries, and carrying case

Specifications
Measuring Range: 0.65 to 400.0mm (0.03 to 15.7")
Sound Velocity Range: 1000 to 9999 m/s (0.039 to 0.394 in/µs)
Transducer Frequency: 5MHz
Minimum Area: Ø20mm × 3.0mm (Ø0.8" × 0.12")

Accessories & Replacement Parts
R7900-PROBE Replacement Probe
R7950 Ultrasonic Couplant Gel
R7950/12 Ultrasonic Couplant Gel, Pack of 12
CA-52A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

TM-8811 Ultrasonic Thickness Gauge

Features
- Measures the thickness of steel, cast iron, aluminum, red copper, zinc, quartz glass, polyethylene, PVC, gray cast iron and nodular cast iron
- Exclusive micro-computer LSI circuit and crystal time base offer high accuracy
- Display sound velocity at the touch of a button
- Broad band receiving sensitivity means the meter can read probes of different frequencies
- Automatic material calibration
- Selectable metric or imperial
- Includes ultrasonic couplant gel, batteries, and carrying case

Specifications
Measuring Range: 0.05 to 7.9"/1.5 to 200mm (#45 steel)
Accuracy: ±(0.5% + 0.2"/0.1mm)
Velocity Range: 500 to 9000 m/s

Accessories & Replacement Parts
TM-8811PROBE Replacement Probe
R7950 Ultrasonic Couplant Gel
R7950/12 Ultrasonic Couplant Gel, Pack of 12
CA-52A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

ST-156 **Coating Thickness Gauge**

Features
- Dual technology provides automatic recognition for ferrous (F) and non-ferrous (NF) metal substrates
- Magnetic induction for ferrous metal substrates and Eddy current measurement for non-ferrous metal substrates
- User-settable high/low alarms
- Min/Max/Average
- Memory stores 400 readings
- Includes USB cable, software, calibration iron, calibration aluminum, precision standards, batteries and carrying case

Specifications
Measuring Range: 0 to 1250µm, 0 to 49.21mils
Accuracy: 0 - 850µm: ±3% +1µm, 850 - 1250µm: ±5%; 0 - 33.46mils: ±3% +0.039mils, 33.46 - 49.21mils: ±5%
Min. Area Diameter: F: 7mm; NF: 5mm
Min. Substrate Thickness: F: 0.5mm; NF: 0.3mm

Accessories & Replacement Parts
R9050 Coating Thickness Calibration Kit
CA-52A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

CM-8822 **Coating Thickness Gauge**

Features
- Measure the thickness of non-magnetic coatings on magnetic or non-magnetic metal substrates
- Choice of remote probe; F probe measures the thickness of non-magnetic coatings on magnetic metal substrates; N probe measures the thickness of non-magnetic coatings on non-magnetic metal substrates
- Automatic probe recognition
- Zero button for quick adjustment in the field
- Includes ferrous probe, non-ferrous probe, calibration standards, battery and hard carrying case

Specifications
Measuring Range: 0 to 1000 µm, 0 to 40 mil
Accuracy: <100µm: ±2µm; >100µm: ±3% of rdg

Accessories & Replacement Parts
CM-8822FPROBE Replacement Ferrous Probe
CM-8822NPROBE Replacement Ferrous Probe
R9050 Coating Thickness Calibration Kit
CA-52A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

HT-6510A **"A" Scale Durometer**

Features
- Digital durometer for Shore A hardness testing
- Designed to measure the penetration hardness of rubber, elastomers and other rubber like substances such as neoprene, silicone and vinyl
- Meets DIN 53505, ASTM D2240, ISO 7619 and JISK 7215
- Measures maximum value
- Push button zero calibration
- Includes wrist strap, test block, batteries and hard carrying case

Specifications
Measuring Range: 0 to 90 HA
Deviation: ±1 HA

Accessories & Replacement Parts
R8888 Deluxe Hard Carrying Case

REED

R9030 Hardness Tester

Features
- Rebound hardness testing is particularly useful for large, coarse grained materials, forged parts and all types of cast materials
- Capable of automatically converting and displaying measurements in 7 types of hardness scales: Rockwell (HRC, HRB, HRA), Brinell (HB), Leeb (HL), Vickers (HV) and Shore (HS)
- Internal memory with real-time clock stores up to 350 measurements
- Operates on a rechargeable lithium battery
- Includes universal D impact device, small supporting ring, Leeb test block, nylon brush, battery charger, data processing software, communication cable and carrying case

Specifications
Hardness Scale: HL, HRC, HRB, HRA, HV, HB, HS
Meauring Range: HLD: 170 to 960; HRA: 59 to 85; HRB: 13 to 100; HRC: 20 to 68; HB: 19 to 651; HV: 80 to 967; HS: 30 to 100
Measuring Direction: 360°

Accessories & Replacement Parts
R8888 Deluxe Hard Carrying Case

R7700 Gloss Meter

Features
- Designed to meet international gloss measurement standards (ASTMD523, ASTMD1455, ASTMC584 and ASTMD2457)
- Multi-angle measurement (20°/60°/85°)
- Internal memory stores last 254 data points
- Includes AC adapter, calibration standard, cleaning cloth and hard carrying case

Specifications
Measuring Range: 0.1 to 200 GU
Measuring Geometry: 20°/60°/85°

SD-8205 Vibration Meter/Data Logger

Features
- Measures vibration levels in machinery by measuring velocity and acceleration
- Frequency range meets ISO 1954 standards
- RMS, Peak hold, and Max/Min record
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it down-oads directly to Excel
- Includes vibration sensor with cable, batteries and hard carrying case

Specifications
Velocity Range: 0.5 to 199.9 mm/s; 0.05 to 19.99 cm/s; 0.02 to 7.87 in/s
Acceleration Range: 0.5 to 199.9 m/s^2; 0.05 to 20.39 g; 2 to 656ft/s^2

Accessories & Replacement Parts
SD-8205PROBE Vibration Probe
SD-VMB Magnetic Base
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod

SD-6020 Force Gauge/Data Logger

Features
- Measures tension and compression forces up to 20 kg
- Force is measured in kg, lb or Newtons
- Data Record in Peak hold or Normal mode
- Reversible display ensures readings are always legible
- Real time data logger with integral 4GB SD memory card
- Includes flat head, cone head, chisel head and hook adapters, 120mm extension rod, batteries and carrying case

Specifications
Measuring Capacity: 20.00 kg/44.10 lb/196.12 N
Full Scale Deflection: 0.1mm max.
Sampling Time: Normal: 1 second to 8 hours;
   Peak hold: 10 to 500 ms

Accessories & Replacement Parts
FS-1001 Force Gauge Test Stand
WG-01 Wedge Grip
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R8888 Deluxe Hard Carrying Case

SD-6100 Force Gauge/Data Logger

Features
- Measures tension and compression forces up to 100 kg
- Force is measured in kg, lb or Newtons
- Data Record in Peak hold or Normal mode
- Reversible display ensures readings are always legible
- Real time data logger with integral 4GB SD memory card
- Includes separate load cell sensor with 2 hooks and cable, batteries and carrying case

Specifications
Measuring Capacity: 100.0 kg / 220.5 lb / 980.6 N
Full Scale Deflection: 0.1mm max.
Sampling Time: Normal: 1 second to 8 hours;
   Peak hold: 10 to 500 ms

Accessories & Replacement Parts
FS-1001 Force Gauge Test Stand
WG-01 Wedge Grip
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R8888 Deluxe Hard Carrying Case

FS-1001 Force Gauge Test Stand

Features
- Optional test stand for force gauges
- Useful tool for material tension and compression analysis
- Dimensions: 650 x 250 x 230mm (25.6 x 9.8 x 9")
- Weight: 6.9kg (15.2 lb)

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R7100 Photo/Contact Tachometer

Features
- Dual function unit with both contact and non-contact capabilities
- Measure RPM (revolutions per minute) of rotational equipment and surface speed m/min (meters per minute) with included adapters
- Removeable adapter for contact measurements
- Non-contact function utilizes laser light beam
- Internal memory recalls maximum, minimum values as well as last value stored
- Includes reflective tape, large and small cone tip adapters, funnel adapter, wheel adapter, batteries and hard carrying case

Specifications
RPM Range (Contact): 0.5 to 19,999
RPM Range (Photo): 2.5 to 99,999
Surface Speed Range : 0.05 to 1,999.9 m/min
Target Distance: 1.6' (500mm) (Photo)

Accessories & Replacement Parts
R7100-ADP Replacement Contact Adapter
ST-WHEEL Replacement Measuring Wheel
ST-TIP Replacement Cone Tip
ST-TIPL Replacement Cone Tip, Large
ST-FUNNEL Replacement Funnel Tip
ST-SHAFT Replacement Extension Shaft
RT100 Reflective Tape
CA-05A Soft Carrying Case
C-820 Soft Carrying Case

R7150 Photo/Contact Tachometer

Features
- Dual function tachometer measures non-contact RPM with built-in laser and contact measurements with included adapters
- Surface speed measurements in fpm or mpm
- Class 2 red laser provides accurate measurements up to 6.5 ft (2000 mm) away from target
- LCD display reverses depending on measurement mode
- Retains Min/Max and last reading for later recall
- Includes 3 contact adapters (2 cones, 1 funnel), surface speed wheel, reflective tape, batteries and hard carrying case

Specifications
Range: Photo: 10 to 99,999 rpm; Contact: 0.5 to 19,999 rpm;
Surface Speed: 0.05 to 1,999.9 mpm (0.2 to 6560 fpm)
Detection Distance: 2.0" to 6.5' (50 to 2,000mm)

Accessories & Replacement Parts
AS-35C Surface Speed Measuring Wheel
CONE Replacement Cone Tip
RT100 Reflective Tape
CA-05A Soft Carrying Case
C-820 Soft Carrying Case

R7140 Photo/Contact Tachometer

Features
- Dual function unit with both contact and non-contact capabilities
- Provides fast and accurate RPM measurements of rotating objects and surface speed measurements MPM (meters per min) and FPM (feet per min)
- Internal memory holds last reading for 5 mins and recalls min/max and last value
- LCD Display reverses depending on measurement mode
- Includes reflective tape, large and small cone tip adapters, funnel adapter, wheel adapter, batteries, and hard carrying case

Specifications
RPM Range (Contact): 0.5 to 19,999
RPM Range (Photo): 2.5 to 99,999
Surface Speed Range: 0.05 to 1,999.9 m/min (0.2 to 6,560 fpm)
Target Distance: 1.0' (300mm) (Photo)

Accessories & Replacement Parts
AS-35C Surface Speed Measuring Wheel
CONE Replacement Cone Tip
FUNNEL Replacement Funnel Tip
EXT-SHAFT Replacement Extension Shaft
RT100 Reflective Tape
CA-05A Soft Carrying Case
C-820 Soft Carrying Case

R7050 Photo Tachometer/Counter

Features
- Provides fast and accurate RPM measurements of rotating objects without contact and revolution count of moving objects
- Built-in laser pointer identifies target area
- Internal memory recalls maximum, minimum values as well as last value stored
- Durable double molded plastic housing
- Includes reflective tape, batteries and soft carrying case

Specifications
RPM Range (Photo): 2 to 99,999
REV Count Range: 1 to 99,999

Accessories & Replacement Parts
RT100 Reflective Tape
CA-05A Soft Carrying Case
C-820 Soft Carrying Case

K4030 Digital Stroboscope

Features
- Freeze the motion and measure the speed of a rotating object, without contact
- Push buttons quickly double and divide flashing rate with just one activation
- External trigger input
- Pistol grip design with tripod mount
- Includes light bulb and power cord

Specifications
Flash/Speed Rate: 100 to 10,500 rpm

K4020 Digital Stroboscope

Features
- Digital strobocope freezes the motion and measures the speed of a rotating object, without contact
- Simply aim and synchronize the strobe's flash rate (fpm) with the speed (rpm) of the object
- Direct reading of RPMs
- Tripod mount for stationary use
- Includes light bulb and 6' power cord
- **K4020** Digital Stroboscope, 110VAC
- **K4020-230V** Digital Stroboscope, 230VAC

Specifications
Flash/Speed Rate: 100 to 10,000 fpm/rpm

Accessories & Replacement Parts
K4020-BULB Replacement Bulb
R1500 Tripod
R8888 Deluxe Carrying Case

R3001 Anemometer/Manometer

Features
- Measure and display air velocity, air flow volume, pressure and ambient temperature with a single, compact unit
- Air velocity displayed in m/s, fpm, km/h, mph or knots
- Air flow volume displayed in cfm or cmm
- Pressure displayed in psi, mbar, inH_2O, mmH_2O or Pa
- Max., Min., Avg., Relative and Data hold functions
- Push button calculation of rectangular or circular duct areas
- Zero button for offset correction or measurement
- Includes black and white silica tubes, Pitot tube, battery, power adapter, USB cable, CD software and carrying case

Specifications
Pressure Range: ±5000 Pa; 0.752 psi; 50.00mbar; 20.07 inH_2O; 509.8 mmH_2O
Air Velocity Range: 1.00 to 80.00 m/s; 200 to 15,733 fpm; 3.6 to 288.0 km/h; 2.24 to 178.66 mph; 2.0 to 154.6 knots
Air Flow Range: 0 to 99.999 ft^3/min; 0 to 99.999 m^3/min
Temperature Range: 32.0 to 122.0°F (0 to 50.0°C)

Accessories & Replacement Parts
R1500 Tripod
R8888 Deluxe Carrying Case

R3002 Differential Manometer

Features
- Measures gauge and differential pressure from 0 to 5 psi
- 11 selectable units of measure: psi, bar, mbar, kPa, inHg, mmHg, ozin^2, inH_2O, ftH_2O, cmH_2O, kgcm^2
- Max/Min/Avg record with time and date stamp
- Data Hold freezes the displayed reading
- Push button zero adjust and offset readings
- Includes USB cable, tubing, battery and hard carrying case

Specifications
Pressure Range: 5.000 psi; 138.3 inH_2O; 344.7 mbar; 34.47 kPa; 1.018 inHg; 258.5 mmHg; 80.00 ozin^2; 11.53 ftH_2O; 351.5 cmH_2O; 0.351 kgcm^2; 0.344 bar

Accessories & Replacement Parts
R1500 Tripod
R8888 Deluxe Carrying Case

R3030 Differential Manometer

Features
- Digital display of gauge or differential pressure
- Select from one of 11 different pressure units:
  psi, kPa, mbar, bar, in Hg, mmHg, cmH_2O, inH_2O,
  ftH_2O, oz-in^2, kg/cm^2
- Data Hold freezes the displayed reading
- Internal memory saves Max and Min measurements
- Includes 2 connection hoses, battery, and hard carrying case

Specifications
Pressure Range: 30.00 psi; 830.4 inH_2O; 2068 mbar;
  206.8 kPa; 61.08 inHg; 1551 mmHg; 480.0 ozin^2;
  69.20 ftH_2O; 2101 cmH_2O; 2.109 kgcm^2; 2.068 bar
Maximum Pressure: 60 psi

R3100 Differential Manometer

Features
- Digital display of gauge or differential pressure
- Select from one of 11 different pressure units:
  psi, kPa, mbar, bar, in Hg, mmHg, cmH_2O, inH_2O,
  ftH_2O, oz-in^2, kg/cm^2
- Data Hold freezes the displayed reading
- Internal memory saves Max and Min measurements
- Includes 2 connection hoses, battery, and hard carrying case

Specifications
Pressure Range: 100.0 psi; 2768 inH_2O; 6895 mbar;
  689.5kPa; 203.6 inHg; 5171 mmHg; 1600 ozin^2;
  230.7 ftH_2O; 7004 cmH_2O; 7.031 kgcm^2; 6.895 bar
Maximum Pressure: 150 psi

LM-8000 Environmental Meter

Features
- Measures air velocity, air temperature, contact temperature, relative humidity, and light levels
- Measures air velocity in fpm, m/s, km/h, mph and knots
- Light levels are measured in foot-candles or lux
- Temperature is measured in °C or °F
- Data Hold and Max/Min functions
- Includes wrist strap and battery

Specifications
Air Velocity Range: 80 to 5910 fpm; 0.2 to 30.0 m/s;
  1.4 to 108 km/h; 0.9 to 67.0 mph; 0.8 to 58.3 knots
Air Temperature Range: 14 to 122°F (-10 to 50°C)
Contact Temperature Range: -148 to 2372°F (-100 to 1300°C)
Humidity Range: 10 to 95% RH
Light Range: 0 to 20,000 Lux (0 to 2,000 Ft-cd)

Accessories & Replacement Parts
R2920 Surface Thermocouple Probe
R2930 Right Angle Thermocouple Surface Probe
R2940 Air/Gas Thermocouple Probe
R2950 Immersion Thermocouple Probe
R2960 Needle Tip Thermocouple Probe
CA-525A Soft Carrying Case

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SD-9300 Environmental Meter/ Data Logger

Features
- Measures relative humidity, air velocity, light levels and temperature with a type J/type K thermocouple thermometer
- Also measures sound level with optional adapter
- Air velocity is measured in m/s, ft/min, km/h, mph or knots
- Temperature is measured in °C or °F
- Light is measured in lux and Foot-candles
- Data hold and Max/Min record
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes multi-function probe, batteries and hard carrying case

Specifications
Air Velocity Range: 0.4 to 30.0 m/s; 1.4 to 128.0 km/h; 0.9 to 78.3 mph; 79 to 6890 fpm; 0.8 to 68.0 knots
Humidity Range: 0 to 95% RH
Light Range: 0 to 20,000 lux (0 to 1,860 Ft-cd)
Type K Temp.Range: -148.0 to 2372°F (-100.0 to 1300.0°C)
Type J Temp.Range: -148.0 to 2192°F (-100.0 to 1200.0°C)

Accessories & Replacement Parts
SL-417 Sound Level Adapter
R2920 Surface Thermocouple Probe
R2930 Right Angle Thermocouple Surface Probe
R2940 Air/Gas Thermocouple Probe
R2950 Immersion Thermocouple Probe
R2960 Needle Tip Thermocouple Probe
TP-01 Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

LM-81AM Vane Anemometer

Features
- Measures air velocity in fpm, m/s, km/h, mph and knots
- 4-digit LCD display
- Min/Max and data hold functions
- Low friction rotating vane for improved accuracy
- Compact design allows for one-handed operation
- Includes wrist strap and battery

Specifications
Air Velocity Range: 80 to 5910 fpm; 0 to 30 m/s; 1.4 to 108 km/h; 0.9 to 67 mph; 0.8 to 58.3 knots

Accessories & Replacement Parts
CA-52A Soft Carrying Case

R1900 Vane Thermo-Anemometer

Features
- Simultaneously measures and displays air velocity and temperature
- Measures air velocity in fpm, m/s, km/h, mph and knots
- Beaufort Scale with digital bargraph indicator
- Keeps track of maximum and average readings
- Data Hold function
- Low friction rotating vane for improved accuracy
- Includes batteries

Specifications
Air Velocity Range: 78 to 5905 fpm; 0 to 30 m/s;
  1.4 to 108 km/h; 0.8 to 67 mph; 0.7 to 58 knots
Temperature Range: 14 to 122°F (-10 to 50°C)

SD-4207 Vane Thermo-Anemometer/ Data Logger

Features
- Measures air velocity, air temperature and contact temperature with a type J/type K thermocouple thermometer
- Low friction ball-bearing, rotating vane probe ensures high accuracy readings
- Air velocity is measured in m/s, fpm, km/h, mph or knots
- Min/Max and Data hold functions
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes rotating vane probe, batteries and hard carrying case

Specifications
Air Velocity Range: 79 to 6890 fpm; 0.4 to 30.0 m/s;
  1.4 to 126.0 km/h: 0.9 to 78.3 mph; 0.8 to 68.0 knots
Air Temperature Range: 32 to 122°F (0 to 50°C)
Type K Temperature Range: -148.0 to 2372°F (-100.0 to 1300.0°C)
Type J Temperature Range: -148.0 to 2192°F (-100.0 to 1200.0°C)

Accessories & Replacement Parts
R2920 Surface Thermocouple Probe
R2930 Right Angle Thermocouple Surface Probe
R2940 Air/Gas Thermocouple Probe
R2950 Immersion Thermocouple Probe
R2960 Needle Tip Thermocouple Probe
TP-01 Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case

8906 Vane Thermo-Anemometer

Features
- Provides accurate air velocity, air volume and air temperature measurements
- Simultaneous display air velocity and temperature on 4-digit dual LCD
- Measures air velocity in fpm, m/s, km/h, mph and knots
- Keeps track of minimum, maximum and average readings
- Continuous air velocity averaging measurements for up to 2 hours
- Data Hold function
- Low friction rotating vane for improved accuracy
- Includes batteries and hard carrying case

Specifications
Air Velocity Range: 80 to 6900 fpm; 0.4 to 35 m/s; 1.4 to 126 km/h: 0.9 to 78 mph: 0.8 to 68 knots
Temperature Range: 14 to 122°F (-10 to 50°C)

Accessories & Replacement Parts
CA-05A Soft Carrying Case

SD-4212 Hot Wire Thermo-Anemometer/Data Logger

Features
- Measures air velocity and temperature, as well as contact temperature with a type J/type K thermocouple thermometer
- Hot wire probe for precise low air velocity measurements
- Air velocity is measured in m/s, fpm, km/h, mph or knots
- Min/Max and Data hold functions
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes telescopic hot wire probe, batteries and hard carrying case

Specifications
Air Velocity Range: 40 to 3940 fpm; 0.2 to 25.0 m/s; 0.7 to 72.0 km/h: 0.5 to 44.7 mph; 0.4 to 38.8 knots
Air Temperature Range: 32 to 122°F (0 to 50°C)
Type K Temperature Range: -148.0 to 2372°F (-100.0 to 1300.0°C)
Type J Temperature Range: -148.0 to 2192°F (-100.0 to 1200.0°C)

Accessories & Replacement Parts
R2920 Surface Thermocouple Probe
R2930 Right Angle Thermocouple Surface Probe
R2940 Air/Gas Thermocouple Probe
R2950 Immersion Thermocouple Probe
R2960 Needle Tip Thermocouple Probe
TP-01 Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case

R1930 Light Meter

Features
- User selectable Lux/Foot-candle measurements
- Backlit 4-digit LCD display
- Max/Min and data hold functions
- Compact design for one-handed operation
- Includes batteries

Specifications
Measuring Range: 0 to 199,999 lux; 0 to 18,580 Fc

Accessories & Replacement Parts
CA-52A Soft Carrying Case

LM-81LX Light Meter

Features
- Designed for one-handed operation, it fits easily into a pocket or tool belt
- User selectable Lux/Foot-candle measurements
- 5-digit LCD display
- Max/Min and data hold functions
- Zero adjustment button
- Includes batteries

Specifications
Measuring Range: 0 to 20,000 lux; 0 to 2,000 Fc

Accessories & Replacement Parts
CA-52A Soft Carrying Case

R8140 LED Light Meter

Features
- Measures ambient light levels of white, red, yellow, green and blue LED light and visible light in Foot-candles or Lux
- Cosine and color corrected measurements
- User adjustable parameter for specialized light sources
- 6-digit, backlit LCD display
- Min/Max and data hold functions
- Detachable and rotatable light sensor
- Includes sensor, sensor cover, battery and hard carrying case

Specifications
Measuring Range: 0 to 199,900 lux; 0 to 19,990 Fc

R8150 Light Meter

Features
- User selectable Lux/Foot-candle measurements
- 4-digit LCD display
- Maximum and data hold functions
- Tethered sensor allows for flexible operation while taking measurements
- Includes sensor cover, battery and carrying case

Specifications
Measuring Range: 0 to 50,000 lux; 0 to 5,000 Fc

Accessories & Replacement Parts
CA-52A Soft Carrying Case

SD-1128 Light Meter/Data Logger

Features
- Measures ambient light levels in Foot-candles or lux
- Photo diode and colour correction filters meet C.I.E.spectrum specifications
- Contact temperature measurement with a type J/K thermocouple option
- Temperature is measured in °C or °F
- Min/Max and Data hold functions
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes detachable sensor, sensor cover, and batteries

Specifications
Light Range: 2,000, 20,000, 100,000 lux; 200, 2,000, 10,000 Fc

Type K Temperature Range: -148.0 to 2372°F (-100.0 to 1300.0°C)

Type J Temperature Range: -148.0 to 2192°F (-100.0 to 1200.0°C)

Accessories & Replacement Parts
R2920 Surface Thermocouple Probe
R2930 Right Angle Thermocouple Surface Probe
R2940 Air/Gas Thermocouple Probe
R2950 Immersion Thermocouple Probe
R2960 Needle Tip Thermocouple Probe
TP-01 Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case

R1920 Sound Level Meter

Features
- Compact design for one-handed operation
- Fast and slow time weighting (125mS and 1s)
- A frequency weighting
- Backlit 4-digit LCD display
- Max/Min and data hold functions
- 0.5" (12.7mm) electret condenser microphone
- Includes windshield ball and batteries

Specifications
Measuring Range: 30 to 130dB
Frequency Range: 31.5 Hz to 8 kHz

Accessories & Replacement Parts
CA-52A Soft Carrying Case

R8050 Sound Level Meter

Features
- High accuracy of ±1.4 dB meets Type 2 standards
- Dual range measurement (High and Low)
- A and C frequency weighting
- Fast and Slow time weighting
- Easy-to-read backlit LCD display
- Data hold and Max hold functions
- Includes microphone windshield ball, battery and carrying case
- R8050-KIT Sound Level Meter & Calibrator Kit
  includes: R8050 Sound Level Meter, R8090 Acoustic Calibrator, and R8888 Deluxe Hard Carrying Case w/ custom foam insert

Specifications
Measuring Range: Low: 30-100 dB; High: 60-130 dB
Frequency Range: 31.5 Hz to 8 kHz

Accessories & Replacement Parts
R8090 Acoustic Calibrator
SB-01 Windshield Ball
R1500 Tripod
CA-05A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

R8060 Sound Level Meter

Features
- Meets IEC 61672 Type 2 requirements
- Triple range measurement (60dB dynamic range)
- A and C frequency weighting
- Fast and Slow time weighting
- Easy-to-read backlit LCD display with digital analog bargraph
- Data hold and Max hold functions
- Includes microphone windshield ball, battery and hard carrying case

Specifications
Measuring Range: Low: 30-90 dB; Medium: 50-110 dB;
   High: 70-130 dB
Frequency Range: 20 Hz to 8 kHz

Accessories & Replacement Parts
R8090 Acoustic Calibrator
SB-01 Windshield Ball
R1500 Tripod

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R8080 Sound Level Meter/Data Logger

Features
- Meets IEC 61672 Type 2 requirements
- Triple range measurement (60dB dynamic range)
- A and C frequency weighting
- Fast and Slow time weighting
- Backlit LCD display with digital analog bargraph
- Data hold and Max hold functions
- Records up to 64,000 datapoints (1MB)
- Real time clock and calender
- USB interface
- Includes microphone windshield ball, USB cable, Windows software, batteries and hard carrying case

Specifications
Measuring Range: Low: 30-90 dB; Medium: 50-110 dB; High: 70-130 dB
Frequency Range: 20 Hz to 8 kHz

Accessories & Replacement Parts
R8090 Acoustic Calibrator
SB-01 Windshield Ball
R1500 Tripod

R8090 Sound Level Calibrator

Features
- Generates a stable acoustic signal at a controlled frequency and amplitude to verify the accuracy of your sound level meter
- Complies with IEC 942 Class 2
- Output sound pressure levels of 94dB and 114dB
- Accommodates sound meters with 1/2" diameter microphones
- Simply place calibrator on microphone, turn on and adjust your sound level meter

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SD-4023 Sound Level Meter/Data Logger

Features
- Complies with IEC61672 Class 2 requirements
- Triple range measurement (50dB dynamic range)
- A/C frequency weighting
- Fast/Slow time weighting
- Peak hold, Data hold and Max/Min record
- Easy to read LCD with backlight
- Real time data logger with SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes batteries

Specifications
Measuring Range: 30 to130 dB
Frequency Range: 31.5 Hz to 8 kHz

Accessories & Replacement Parts
R8090 Acoustic Calibrator
SB-01 Windshield Ball
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case

R9900 **Indoor Air Quality Meter**

Features
- Simultaneously monitors carbon dioxide (CO_2), relative humidity and temperature
- Instantaneous readings are displayed on a high resolution LCD with backlight
- Dew point and wet bulb temperatures can also be displayed
- Displays STEL readings (Short-Term Exposure Limit) over a 15-minute period and TWA readings (Time-Weighted Average) over a period of 8 hours
- Hold function freezes displayed reading
- Maximum, minimum and average functions
- Audible warning alarm of excessive CO_2 concentrations
- Includes batteries and hard carrying case

Specifications
Measuring Ranges: CO_2: 0 to 5,000 ppm;
  Temperature: 14 to 140°F (-10 to 60°C);
  Humidity: 0 to 99.9% RH;
  Dew Point: -100.12 to 140°F (-73.4 to 60°C);
  Wet Bulb: 8.06 to 140°F (-13.3 to 60°C)
Alarms: Audible: 80dB
Response Time: 30 seconds

Accessories & Replacement Parts
RHA-33 33% Humidity Calibration Standard
RHA-75 75% Humidity Calibration Standard

SD-9901 **Indoor Air Quality Meter/ Data Logger**

Features
- Measures CO_2, CO, O_2, humidity and temperature
- Records readings from 3 probes simultaneously
- Audible alarm setpoint
- Data hold and Max/Min record
- Real time data logger with integral 4GB SD memory card (sold seperately)
- Just plug the SD card into the computer and it downloads directly to Excel
- Includes humidity probe, CO probe, CO_2 probe, O_2 probe, and hard carrying case

Specifications
CO_2 Range: 0 to 4,000 ppm
CO Range: 0 to 1,000 ppm
O_2 Range: 0 – 30% O_2
Alarm Threshold: <18.0% O_2
Humidity Range: 5 to 95% RH
Temperature Range: 32 to 122.0°F (0 to 50.0°C)
Dew Point Temp. Range: -13.5 to 120.1°F (-25.3 to 48.9°C)
Wet Bulb Temp. Range: -6.9 to 122.1°F (-21.6 to 50°C)

Accessories & Replacement Parts
TP-01 Thermocouple Wire Probe
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod

R9400 Carbon Monoxide Meter

Features
- Dual LCD display shows both carbon monoxide (CO) and temperature measurements
- Stabilized electrochemical CO specific sensor and thermistor temperature sensor
- Adjustable alarm limits
- Automatic zero point adjustment
- Self test sequence on start-up
- Max, Data hold and Auto shut off
- Includes battery and carrying case

Specifications
CO Range: 1 to 1000 ppm
Temperature Range: -4 to 158°F (-20 to 70°C)

R9450 Carbon Monoxide Monitor

Features
- Measures carbon monoxide (CO), air temperature and relative humidity
- Manual CO calibration to zero
- User adjustable alarm limit
- Built-in clock and calendar
- Max hold function
- Can be mounted on a wall or placed on desktop
- Includes batteries

Specifications
CO Range: 1 to 999 ppm
Temperature Range: 32 to 122°F (0 to 50°C)
Humidity Range: 10 to 90% RH

Accessories & Replacement Parts
R9450-ADP International AC Adapter

R9300 Combustible Gas Detector

Features
- Detects a wide range of combustible gases including; gasoline, propane, natural gas and fuel oil
- High sensitivity detects small leaks
- User adjustable sensitivity wheel
- Audible (variable tick rate) and visual (tricolour LED) alarm indicators
- User replaceable sensor
- 16" (406mm) gooseneck for hard to reach areas
- Earphone jack for loud environments (earphones not included)
- Includes batteries and soft carrying case

Specifications
Detected Gases: Methane, Natural Gas, Benzene, Ethane, Propane, Butane, Acetone, Alcohol, Ammonia, Gasoline, Jet Fuel, Industrial Solvents, Lacquer, Paint Thinner, Naptha
Sensitivity: 50 ppm methane
Alarm Limit: At 10% LEL for methane (can be calibrated for other concentrations or gases up to 40% LEL)

Accessories & Replacement Parts
TGS2611-C00 Replacement Sensor Tip
CA-05A Soft Carrying Case

C-383 Combustible Gas Detector

Features
- Detects a wide range of combustible gases including; gasoline, propane, natural gas and fuel oil
- Quick response and high accuracy to detect small leaks
- Ambient concentration reset function
- User adjustable sensitivity (High/Low)
- Audible (buzzer) and visual (tri-color LED) alarm indicators
- Self test sequence on start-up
- User replaceable sensor
- 15" (390mm) gooseneck probe for hard to reach areas
- Includes reference leak source, batteries and hard carrying case

Specifications
Sensitivity: Variable, as low as 5 ppm (gasoline)
Alarm Settings: 7 LED tricolor bar indicator; variable intensity audible alarm

Accessories & Replacement Parts
S-100B Replacement Sensor Tip
R8888 Deluxe Hard Carrying Case

C-380 Refrigerant Leak Detector

Features
- Detects all CFCs, HFCs, and HCFCs
- Quick response and high accuracy to detect small leaks
- User adjustable sensitivity (High/Low)
- Audible (buzzer) and visual (tri-color LED) alarm indicators
- User replaceable sensor
- 15" (390mm) gooseneck probe for hard to reach areas
- Includes reference leak source, batteries and hard carrying case

Specifications
Detected Gases: CFC's: R11, R12, R13; HCFC's: R22, R502, R500; HFC's: R134a, R123, R125, R23, R404A, R407C, R410A and other halogen based compounds
Sensitivity: R22, 134A: 6g/yr (H), 30g/yr (L); R404A, 407C, 410A: 8g/yr (H), 40g/yr (L)

Accessories & Replacement Parts
R-134A Replacement Sensor Tip
LC-R01 Replacement Reference Leak Source
R8888 Deluxe Hard Carrying Case

R9100 Ultrasonic Leak Detector

Features
- Locates leaks generated by pressure, vacuum, water, gas or air
- Transmitter generates a 40 kHz signal to help pinpoint leaks
- Visible (LED) and audible (ticking) alarms assist
- User adjustable sensitivity wheel
- Earphone jack for loud environments
- Includes transmitter, receiver, headphones, batteries and carrying case

Specifications
Receiver Frequency Response: 40 kHz ±2 kHz
Transmitter Output Frequency: 40 kHz

R9200 **Microwave Leakage Detector**

Features
- Detect very low levels of microwave leakage
- Audible (beep) and visual (flashing red light) alarm signals
- Max hold function
- Zero button for quick adjustment
- Highly visible 4-digit LCD with backlight
- Includes battery and soft carrying case

Specifications
Measuring Range: 0 to 9.99 mW/cm^2
Alarm Level: 5.0 mW/cm²

Accessories & Replacement Parts
CA-52A Soft Carrying Case

GU-3001 **Electromagnetic Field Meter**

Features
- Measures AC and DC magnetic fields milliGauss (mG) or microTesla (µT)
- N pole / S pole indicator
- Data hold and Max/Min functions
- Zero adjustment button for relative measurements
- Large, easy-to-read LCD display
- Optional PC software features live tracking via USB connection
- Tripod mount for long-term monitoring
- Includes uniaxial magnetic probe, batteries and hard carrying case

Specifications
Measuring Range: -3000 to 3000mG, -300 to 300µT
Frequency Response: AC/DC: 40 Hz to 10 KHz
Field Direction: Uniaxial

Accessories & Replacement Parts
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-52A Soft Carrying Case

R8008 **Radiation Meter**

Features
- Detects Alpha, Beta, Gamma, and X radiation
- Automatic selection of measurement range
- Average time and pulse counting functions
- Large backlit LCD display with bargraph indicator
- Accumulation of radiation detection values and conversions between different measurement units
- User-adjustable alarms (audio/visual indicators)
- Internal memory stores up to 4000 groups of data internally
- Bluetooth connectivity wirelessly streams data to computer
- Includes software, batteries and hard carrying case

Specifications
Radiation Dose Rate Range: 0.0001 - 1000µSv/h
Pulse Dose Rate Range: 0 - 4000cpm/cps
Accumulated Radiation Dose Value: 0.001µSv - 9999Sv
Accumulated Pulse Dose Rate: 0 - 9999

Accessories & Replacement Parts
CA-05A Soft Carrying Case

R8000 Distance Measuring Wheel

Features
- Measures in feet or meters
- Adds forward, subtracts in reverse
- Backlit LCD Display
- Internal memory stores up to 5 measurements
- Ergonomical pistol grip designed for comfort
- 12.5" diameter measuring wheel
- Telescopic handle
- Spring-loaded kick stand
- Includes soft carrying case and batteries

Specifications
Measuring Range: Up to 99999.9 (m/ft)
Accuracy: ±0.5%

R8004 Laser Distance Meter

Features
- Easily measure hard-to-access areas, like high ceilings, with laser targeting
- Reference point selection (front or rear of instrument)
- Quick calculation of area (square footage) and volume
- Easy addition and subtraction of measurements
- Pythagoras calculation for determining distance indirectly from two or three other measurements
- Maximum/Minimum measurements
- Integrated bubble level
- Continuous measurement mode
- User selectable unit of measure (imperial/metric)
- Backlit multi-line LCD display
- Internal memory saves up to 30 readings
- Includes battery and carrying case

Specifications
Measuring Range: 131' (40m)
Accuracy: ±(5.0mm+d x 5/100000)
Laser Type: Class 2, <1mW, 630 to 670 nm

R8010 Laser Distance Meter

Features
- One-person distance measuring and estimating tool that measures difficult to reach places
- Reference point selection (front or rear of instrument)
- Quick calculation of area (square footage) and volume
- Easy addition and subtraction of measurements
- Pythagoras calculation for determining distance indirectly from two or three other measurements
- Maximum/Minimum measurements
- Continuous measurement mode
- User selectable unit of measure (imperial/metric)
- Backlit multi-line LCD display
- Internal memory saves up to 20 readings
- IP54 (dust and splash-proof)
- Includes wrist strap, screwdriver, batteries and soft carrying case

Specifications
Measuring Range: 1.92" to 328' (5 cm to 100 m)
Accuracy: ±0.06" (1.5 mm)
Laser Type: Class 2, <1mW, 630 to 670 nm

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R9090 Stud/Metal/AC Voltage Detector

Features
- Bargraph allows for quick and accurate detection
- Ergonomically designed for comfort and grip
- Auto power off
- Includes battery

Specifications
Detection Depth
Stud: Up to 0.98" (25mm)
Metal: Up to 2.56" (65mm)
Voltage: Up to 1.96" (50mm)

Accessories & Replacement Parts
CA-05A Soft Carrying Case

R8500 Video Inspection Camera

Features
- High definition inspection scope detects and diagnoses problems without direct physical or visual access
- Camera and video functions save high resolution images (JPEG) and video (AVI)
- High resolution 2.5" color LCD monitor
- 9mm waterproof (IP67) camera head
- 39" (1m) gooseneck cable retains conwfigured shape
- Cable expandable up to 30 ft. (~9m) with extensions (optional)
- 180° mirror rotation function
- Four high visibility LED lights provide illumination in dimly lit environments
- Expandable memory up to 32Gb (SD card sold separately)
- Includes 9mm camera head, magnet, hook and mirror attachments, USB cable, batteries, and hard carrying case

Specifications
Camera Resolution: 640 x 480
Camera Diameter: 0.35" (9mm)
Short Distance Focus: 1.18 to 2.36" (3 to 6cm)
Depth of Field: 10mm to infinity
Viewing Angle: 0 to 180°
Display: 2.5" Color TFT LCD
Display Resolution: 480 x 240
Frames per Second (FPS): 30

Accessories & Replacement Parts
R8500-RCH 9mm Replacement Camera Head
R8500-3MEXT 9.8' (3M) Cable Extension
R8500-3.9MM 3.9mm Camera Head
R8500-5M9MM 9mm Camera Head on 16.4' (5M) Cable
R8500-20M 9.8mm Camera Head on 65.6' (20M) Cable Reel
R8500-ART 5.5mm Articulating Camera
SD-MINI(8GB) Micro SD Memory Card, 8GB

R9000 Video Pipe Inspection Camera

Features

- Portable inspection camera designed to deliver quality video inspection in a wide range of applications including: sewers, building ducts/piping, wells, and power plants
- System includes camera head, cable reel, battery pack and DVR
- Camera and video functions save high resolution images and records video/audio
- High resolution 16:9 7" TFT LCD display presents a live crisp color image at your fingertips
- Camera head contains 12 white LED light and a flexible spring coiled joint to navigate corners
- Scratch-resistant sapphire lens and a stainless steel housing allow the camera to withstand various hits
- Sun visor is included to act as a sun shield for outdoor inspections
- 65.6ft (20m) cable on a cable reel that is mounted and rotatable in the case
- Rechargeable lithium-ion battery and car charger
- Includes camera head, 20m cable reel and push cable, remote control, hard carrying case with built-in DVR, battery pack and cable, car charger, 2 fuses, 2 ball guides, plastic skid, 2 screws, 2 nuts, screwdriver, waterproof ring and adapters

Specifications

Camera Resolution: 800 x 480
Camera Diameter: 0.91" (23mm)
Short Distance Focus: 7.9 to 39.4" (20 to 100cm)
Depth of Field: 100cm to infinity
Viewing Angle: 0 to 140°
Display: 7" Color TFT LCD (16x9)
Display Resolution: 800 x 480
Frames per Second (FPS): 30

Accessories & Replacement Parts

R9000-RCH Replacement Camera Head
R9000-40M Cable, 131.2' (40m)
R9000-CAMT Camera Head with 512Hz Transmitter
R9000-RCV Receiver, 512Hz
SD-4GB 4GB SD Memory Card

We back up all of our products with a standard 1-year warranty

8689 **Digital ph Meter**

Features
- Dual LCD displays temperature and pH measurements
- User selectable °F or °C
- Data hold function
- Automatic temperature compensation
- One touch calibration with adjustable points
- Easily replaceable pH electrode module
- Protective cap keeps sensor moistened
- Waterproof housing (IP65 rated)
- Includes protective cap, wrist strap, and batteries

Specifications
pH Range: 0.00 to 14.00 pH
Temperature Range: 32 to 140°F (0 to 60°C)

Accessories & Replacement Parts
86P8 Replacement pH Electrode
PH-04 pH Buffer Solution, 4pH
PH-07 pH Buffer Solution, 7pH
R1004 4pH Calibration Buffer Pouches, 20-Pack
R1007 7pH Calibration Buffer Pouches, 20-Pack
CA-05A Soft Carrying Case

SD-4307 **Conductivity/TDS/Salinity Meter/Datalogger**

Features
- Measures conductivity, total dissolved solids (TDS) and salt levels in water
- Automatic temperature compensation
- Large, easy-to-read backlit LCD display
- Data hold and Min/Max functions
- Real time datalogger with integral SD memory card (optional)
- User selectable sampling rate
- Optional PC software features live tracking via USB connection
- Tripod mount for long-term monitoring
- Includes probe, batteries and hard carrying case

Specifications
Conductivity Range: 200µS/cm, 2mS/cm, 20mS,/cm, 200mS/cm
TDS Range: 200, 2000, 20,000, 200,000 ppm
Salinity Range: 0 to 12% salt (% weight)

Accessories & Replacement Parts
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case
R8888 Deluxe Hard Carrying Case

SD-230 pH/ORP Meter/Datalogger

Features

- Measures pH and ORP levels in water
- Manual or automatic temperature compensation (with optional ATC probe, TP-07)
- 3-point calibration ensures best accuracy
- Accepts pH/ORP electrodes with BNC connector
- Real time datalogger with integral SD memory card (optional)
- User selectable sampling rate
- Large, easy-to-read backlit LCD display
- Data hold and Min/Max functions
- Optional PC software features live tracking via USB connection
- Tripod mount for long-term monitoring
- Includes batteries
- **SD-230-KIT2** pH/ORP Meter/Datalogger Kit Includes: SD-230 pH/ORP Datalogger, ORP-14 ORP Electrode and PE-11 pH Electrode

Specifications

pH Range: 0.00 to 14.00 pH
ORP Range: 0 to 1999 mV
ATC Range: Manual: 33.8 to 212°F (1 to 100°C); w/ TP-07: 32 to 149°F (0 to 65°C)

Accessories & Replacement Parts

SD-230-KIT2 pH/ORP Meter/Datalogger Kit
PE-01 pH Electrode, 130mm, 0 to 14pH
PE-03 pH Electrode, 160mm, 0 to 13pH
PE-11 pH Electrode, 130mm, 0 to 13pH
ORP-14 ORP Electrode, 130mm
TP-07 ATC Temperature Probe
PH-04 pH Buffer Solution, 4pH
PH-07 pH Buffer Solution, 7pH
R1004 4pH Calibration Buffer Pouches, 20-Pack
R1007 7pH Calibration Buffer Pouches, 20-Pack
SD-4GB 4GB SD Memory Card
USB-01 USB Cable
SW-U801-WIN Data Acquisition Software
AP-9VA-110V AC Adapter
R1500 Tripod
CA-05A Soft Carrying Case

Test and Measure with Confidence

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R9500 BRIX Refractometer

Features
- Measures the concentration of sugar in fruit juice (0 to 32% BRIX)
- Easy to operate with simple to read scales
- Requires only 2 or 3 drops of sample
- Prism and lens with a simple focus adjustment provides repeatable results
- Calibrated to sucrose content contained in 100g of cane sugar
- Includes cover plate, calibration screwdriver, cleaning cloth, solution/sample applicator and hard carrying case

Specifications
Measuring Range: 0 to 32% (BRIX)

Accessories & Replacement Parts
RPDPA1 Lens Cover

R9600 Salinity Refractometer

Features
- Measures the concentration of dissolved salt in water (0 to 28% Salinity)
- Easy to operate with simple to read scales
- Requires only 2 or 3 drops of sample
- Automatic Temperature Compensation (ATC)
- Prism and lens with a simple focus adjustment provides repeatable results
- For measuring the concentration of natural or artificial seawater in aquariums, holding tanks, and breeding ponds
- Includes cover plate, calibration screwdriver, cleaning cloth, solution/sample applicator and hard carrying case

Specifications
Measuring Range: 0 to 28% (Salinity)
ATC Range: 10 to 30°C

Accessories & Replacement Parts
RPDPA1 Lens Cover

R9700 Battery Coolant Refractometer

Features
- Measures the freezing point of automotive coolants plus battery charge condition
- Provides accurate and repeatable measurements of % Ethylene Glycol and Propylene Glycol and C° on easy to read scale
- Requires only 2 or 3 drops of sample
- Automatic Temperature Compensation (ATC)
- Prism and lens with a simple focus adjustment provides repeatable results
- Includes cover plate, calibration screwdriver, cleaning cloth, solution/sample applicator and hard carrying case

Specifications
Measuring Range: -50 to 0°C
Specific Gravity of Battery Acid: 1.15 to 1.30
ATC Range: 10 to 30°C

Accessories & Replacement Parts
RPDPA1 Lens Cover

R7400 **Digital Caliper**

Features
- Large, easy-to-read 6-digit LCD display
- User selectable unit of measure (in/mm)
- Zero adjustment button
- Lock screw to hold slide in position
- Hardened stainless steel head and body
- Includes battery, screwdriver and hard carrying case

Specifications
Measuring Range: 0 to 6" (0 to 150mm)
Accuracy: ±0.001" (.03mm)

SW600 **Digital Stop Watch**

Features
- Stopwatch/chronograph mode with 1/100th second resolution
- Displays hour, minute, second, and day of the week
- Programmable alarm and snooze functions
- High contrast digital display
- Records real time and split times
- Includes lanyard and battery

Specifications
Timing Capacity: 23 hrs, 59 mins, and 59 secs
Accuracy: ±3 seconds/day

R9800 **Digital Portion Control Scale**

Features
- Large backlit LCD display
- Quick response, high accuracy
- Stainless steel platform
- User selectable grams, pounds and ounces
- Full tare capacity
- Low battery and overload indicator
- Includes batteries

Specifications
Measuring Range: 5000g / 9lbs 15oz
Accuracy: ±1% rdg.

R9850 **Digital Portion Control Scale**

Features
- Large backlit LCD display
- User selectable kilograms, grams, pounds and ounce
- High precision sensor
- Stainless steel platform
- Auto calibration feature
- Full tare capacity
- Low battery and overload indicator
- Includes rechargeable batteries, power adapter and protective cover

Specifications
Measuring Range: 15 kg/33 lbs/529 oz/15,000 g

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Carrying Cases

C-820 Soft Carrying Case
• Interior accessory pocket
• External dimensions: 9 x 5.5 x 2.25" (229 x 140 x 57mm)

CA-05A Soft Carrying Pouch
• Adjustable shoulder strap and belt hook
• Side compartment for accessories
• External dimensions: 10.5 x 5.75 x 2.2" (267 x 146 x 56mm)

CA-525A Soft Carrying Pouch
• Adjustable shoulder strap and belt hook
• Side compartment for accessories
• External dimensions: 8.3 x 4.3 x 1.9" (210 x 110 x 48mm)

R8888 Deluxe Hard Carrying Case
• Customizable foam interior
• O-ring creates watertight seal
• Pressure equalization valve
• Double latch and lock system
• External dimensions: 13 x 12 x 5.8"
  (330 x 305 x 148mm)

R8890 Deluxe Hard Carrying Case
• Customizable foam interior
• O-ring creates watertight seal
• Pressure equalization valve
• Double latch and lock system
• External dimensions: 15.7 x 12.6 x 6.7"
  (399 x 320 x 170mm)

R9950 Soft Carrying Case
• Accommodates up to 3 small to medium sized instruments
• Built-in elastics and compartments help organize instruments
• Adjustable shoulder strap and hand strap
• External dimensions: 12.5 x 10 x 2.5" (318 x 254 x 64mm)

R9999 Industrial Tool Bag
• Large dual-zippered compartment with 11
  internal pockets
• 12 outer mesh pockets for smaller tools
• Adjustable shoulder and hand straps
• External dimensions: 16.5 x 12.5 x 9.5"
  (420 x 318 x 241mm)

Accessories

SD-4GB 4GB SD Memory Card
SD-MINI(8GB) 8GB Micro SD Memory Card
R1500 Tripod