Verify temperatures, rotational speeds and phase sequence of motors with our thermometers, tachometers and vibration meters. Reed Instruments has the tools to help identify and diagnose problems, ultimately preventing unscheduled downtime and increasing plant safety. Implementing a thorough Industrial Maintenance program will not only extend equipment longevity but also contribute to a safe working environment. Reed Instruments has the tools to help identify and diagnose problems, ultimately preventing unscheduled downtime and increasing plant safety.

**Ultrasonic Thickness Gauge**
- Measures the thickness of steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron up to 7.5" (200mm)
- Displays sound velocity at the touch of a button
- Automatic material calibration
- User selectable unit of measure (ft/mm)
- Includes probe, ultrasonic couplant gel, batteries and hard carrying case

**Model No TM-8811**

**Phase Rotation/Clamp Meter Kit**
- R5004 Motor Rotation and 3-Phase Tester
- R5042 TRMS AC/DC Clamp Meter with Temperature
- R5100 Non-Contact AC Voltage Detector
- R1000 Safety Test Lead Set
- AD-1 Thermocouple Adapter
- TP-01 Beaded Wire Thermocouple Probe
- R8850 Soft Carrying Case

**Model No R5004-KIT**

**Temperature Combo Kit**
- R5008 Digital Multimeter with Temperature
- R5005 Infrared Thermometer
- R5100 Non-Contact AC Voltage Detector
- R1000 Safety Test Lead Set
- AD-1 Thermocouple Adapter
- TP-01 Beaded Wire Thermocouple Probe
- R8888 Deluxe Hard Carrying Case

**Model No RTTEMP-KIT**

**Industrial Combo Kit**
- R5010 TRMS Digital Multimeter
- R5020 AC Clamp Meter
- R2002 Infrared Thermometer
- R5100 Non-Contact AC Voltage Detector
- R1000 Safety Test Lead Set
- AD-1 Thermocouple Adapter
- TP-01 Beaded Wire Thermocouple Probe
- R8830 Deluxe Hard Carrying Case

**Model No RINTUST-KIT**

**Electrical Troubleshooting Kit**
- R5500 Circuit Breaker Finder
- R5042 TRMS AC/DC Multimeter with Temperature
- R5100 Non-Contact AC Voltage Detector
- R300 Continuity Tester
- R8850 Soft Carrying Case

**Model No R5500-KIT**

**Video Inspection Camera**
- Camera and video functions save high resolution images and video
- 2.5" color LCD monitor and 8mm waterproof (IP67) camera head
- Four high visibility LED lights provide illumination in dimly lit environments
- Includes magnet, hook and adjustable LED head
- Includes USB cable, batteries and hard carrying case

**Model No R8500**

**Video Inspection Camera System**
- Camera and video functions save high resolution images and record video/audio
- High resolution 16:9 7" TFT LCD display
- 12 high visibility LED lights
- Includes case with built-in DVR, battery pack and car charger

**Model No R9000**

**Laser Distance Meter**
- Measures distances up to 131" (40m)
- Calculates area, volume and sum of lengths
- Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
- Retains maximum and minimum readings and up to 30 measurements in memory
- Reference point selection
- Integrated bubble level
- Includes batteries

**Model No R8004**

**Laser Distance Meter**
- Measures distances up to 328’ (100m)
- Calculates area, volume and sum of lengths
- Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
- Retains maximum and minimum readings and up to 80 measurements in memory
- Dust and splash-proof (IP54 rated)
- Includes wrist strap, screwdriver, batteries and carrying case

**Model No R8010**
PREVENTATIVE MAINTENANCE: A well thought out Preventative Maintenance program includes the periodic inspection of equipment and machinery to identify and uncover conditions that lead to product breakdown. An effective program will correct such conditions early in the process before they become major issues, ultimately avoiding major downtime. REED provides digital manometers, tachometers and stroboscopes used by maintenance teams in their Preventative Maintenance toolkits.

Digital Manometer
- Measures gauge and differential pressure up to 5 psi
- 11 selectable units of measure: psi, inH₂O, bar, mbar, kPa, inHg, mmHg, oz/in², mmHg, cmH₂O, kg/cm²
- Max, Min, Avg, Relative and Data hold functions
- Real-time clock time-stamped measurements
- Includes 4 connection hoses, power adapter, USB cable, software, battery, and hard carrying case

Model No R3002

Digital Manometer
- Measures gauge and differential pressure up to 30 psi
- 11 selectable units of measure: psi, inH₂O, bar, mbar, kPa, inHg, mmHg, oz/in², mmHg, cmH₂O, kg/cm²
- Internal memory saves Max and Min measurements
- Data hold function
- Includes 2 connection hoses, battery, and hard carrying case

Model No R3001

Vane Thermo-Anemometer
- Simultaneously displays air velocity and air temperature on dual LCD display
- Measures air volume (CFM)
- Measures fpm, m/S, kph, mph and knots
- Continuous air velocity averaging measurements for up to 2 hours
- Min/Max and Data Hold functions
- Includes batteries and hard carrying case

Model No LM-81AM

Vane Thermo-Anemometer
- Simultaneously displays air velocity and air temperature on dual LCD display
- Calculates air volume (CFM)
- Measures fpm, m/S, kph, mph and knots
- Continuous air velocity averaging measurements for up to 2 hours
- Min/Max and Data Hold functions
- Includes batteries and hard carrying case

Model No 8906

Contact/Photo Tachometer
- Dual function unit with both contact and non-contact capabilities
- Provides RPM measurements of rotating objects and surface speed measurements
- 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

Model No R7140

ELECTRIC VANE THERMO-ANEMOMETER
- Simultaneously displays air velocity and air temperature on dual LCD display
- Measures air volume (CFM)
- Measures fpm, m/s, kph, mph and knots
- Continuous air velocity averaging measurements for up to 2 hours
- Min/Max and Data Hold functions
- Includes batteries and hard carrying case

Model No R3000

STROBOSCOPE
- Freezes the motion and measures the speed of a rotating object, without contact
- Simply aim the instrument at the rotational object and synchronize the strobe’s flash rate (FPM) with object speed (FPM)
- Flash rate speeds from 10 to 10,500 RPM
- Tripod mount for stationary use
- Includes light bulb and power cord

Model No K4020

PREVENTIVE MAINTENANCE: In a Predictive Maintenance program, equipment conditions are measured periodically or on a continuous basis in order to take timely action. As examples, unusual sounds emitted from equipment could be an early indicator of a future issue; an excessively hot electrical cable could predict future trouble. Effective Predictive Maintenance programs make use of highly sensitive instruments such as vibration analyzers, manometers and temperature gauges to predict potential issues long before equipment failure.

PREVENTATIVE MAINTENANCE
- Includes Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
- Min/Max
PREVENTATIVE MAINTENANCE: A well thought out Preventative Maintenance program includes the periodic inspection of equipment and machinery to identify and uncover conditions that lead to product breakdown. An effective program will correct such conditions early in the process before they become major issues, ultimately avoiding major downtime. REED provides digital manometers, tachometers and stroboscopes used by maintenance teams in their Preventative Maintenance toolkits.

VANE Thermo-Anemometer
- Measures air velocity (rpm, m/s, kph, mph and knots) and air temperature (°C/°F)
- Contact temperature measurement with type J/K thermocouple option
- Real-time data logger with integral SD memory card
- Min/Max and Data hold functions
- Includes hard carrying case and batteries

Digital Manometer
- Measures gauge and differential pressure up to 10,500 psi
- 11 selectable units of measure: psi, inHg, mbar, mbar, kPa, inHg, mmHg, cmH2O, cmH2O, kcm²
- Max, Min, Avg, Relative and Data hold functions
- Real-time clock time-stamped measurements
- Includes 4 connection hoses, power adapter, USB cable, software, battery, and hard carrying case

Model No R3002

Digital Manometer
- Measures gauge and differential pressure up to 10,000 psi
- 11 selectable units of measure: psi, inHg, mbar, mbar, kPa, inHg, mmHg, cmH2O, cmH2O, kcm²
- Max, Min, Avg, Relative and Data hold functions
- Real-time clock time-stamped measurements
- Includes 4 connection hoses, power adapter, USB cable, software, battery, and hard carrying case

Model No R3001

Digital Manometer
- Measures gauge and differential pressure up to 5 psi
- 11 selectable units of measure: psi, inHg, bar, mbar, kPa, inHg, mmHg, cmH2O, cmH2O, kcm²
- Max, Min, Avg, Relative and Data hold functions
- Real-time clock time-stamped measurements
- Includes 4 connection hoses, power adapter, USB cable, software, battery, and hard carrying case

Model No R3100

Vane Anemometer
- Low friction rotating vane for improved accuracy and faster response
- Measures air velocity in fpm, m/s, kph, mph and knots
- Min/Max and Data Hold functions
- Designed for one hand operation
- Includes wrist strap and battery

Model No LM-81AM

Vane Thermo-Anemometer
- Simultaneous display air velocity and air temperature on dual LCD display
- Measures air velocity (CFM)
- Measures fpm, m/s, kph, mph and knots
- Continuous air velocity averaging measurements for up to 2 hours
- Min/Max/Avg and Data Hold functions
- Includes batteries and hard carrying case

Model No 8906

Contact/Photo Tachometer
- Dual function unit with both contact and non-contact capabilities
- Provides RPM measurements of rotating objects and surface speed measurements
- Internal memory holds last reading for 5 minutes and 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

Model No SD-4214

Stroboscope
- Freezes the motion and measures the speed of a rotating object, without contact
- Simply aim the instrument at the rotational object and synchronize the strobe’s flash rate (FPM) with object speed (FPM)
- Flash rate speeds from 10 to 10,500 RPM
- Tripod mount for stationary use
- Includes light bulb and power cord

Model No R7140

PREdictIVE MAINTENANCE: In a Predictive Maintenance program, equipment conditions are measured periodically or on a continuous basis in order to take timely action. As examples, unusual sounds emanating from equipment could be an early indicator of a future issue; an excessively hot electrical cable could predict future trouble. Effective Predictive Maintenance programs make use of highly sensitive instruments such as vibration analyzers, manometers and temperature gauges to predict potential issues long before equipment failure.
AC Clamp Meter, 400A
- Measures AC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle and temperature
- Diode and continuity check functions
- Built-in non-contact voltage detector with LED indicator built into clamp tip
- LCD display and analog bargraph
- Includes test leads, thermocouple wire probe, thermocouple adapter, batteries and soft carrying case

Model No R5020

TRMS AC/DC Clamp Meter, 1000A
- Measures AC/DC current and voltage, resistance, capacitance, frequency, duty cycle and temperature
- True RMS AC measurements
- Diode test and continuity check functions
- Built-in non-contact voltage detector
- 50,000-count backlit LCD display and analog bargraph
- Includes test leads, thermocouple wire probe, thermocouple adapter, batteries and soft carrying case

Model No R5040

TRMS mA Clamp Meter
- Measures AC/DC current/voltage, resistance and capacitance
- True RMS AC measurements
- High resolution AC/DC mA readings
- Diode test and continuity check functions
- Non-contact voltage detector with LED indicator built into clamp tip
- V.F.C (variable frequency control) mode
- Includes test leads, batteries and soft carrying case

Model No R5015

TRMS Digital Multimeter
- Measure AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Diode test and continuity check functions
- Built-in non-contact voltage detector
- Type K thermocouple input for contact temperature measurements
- Includes test leads, thermocouple wire probe (type K) with attached adapter and batteries

Model No R5007

AC Voltage Detector
- Capable of detecting the presence of AC voltage from a safe distance
- Audible (buzzer) and visual (LED) indicators when voltage present
- Built-in flashlight and pocket clip
- Suitable for outlets or against insulated wire (50 to 1000V AC)
- For use on 50/60Hz circuits
- Includes batteries

Model No R5100

Continuity Tester
- Local and remote continuity tester
- Visual (flashing bi-color LEDs) and audible (pulsating beeper) indicators
- Capable of testing cables/wires up to 10,000 (3000m)
- Remote probe allows for one person operation
- Includes battery

Model No R5300

Receptacle Tester
- Simply plug the instrument into the receptacle under test and match the light pattern to the printed chart to determine the fault
- Detects most common 3-wire receptacle issues
- LED indicators identify 5 wiring faults
- Status indicator chart

Model No R5200

Motor Rotation and 3-Phase Tester
- 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
- Includes 3 color-coded cables, 3 alligator clips, battery and soft carrying case

Model No R5004

AC Voltage/Current Data Logger
- Data logger up to 256,000 measurements with user programmable sampling rates
- Dual input measures 2 voltage or current measurements or 1 of each
- Simultaneously displays time/date, current and Max/Min readings
- Includes AC current clamp sensors (2), voltage sensors (2), alligator clips (4), test probes (4), USB cable, software, AC adapter, batteries, and hard carrying case

Model No R5003

Circuit Breaker Finder
- Simply plug the transmitter into a receptacle and scan breaker box to identify the circuit
- Detects 5 3-wire receptacle wiring faults
- Built-in GFCI receptacle check function
- Adjustable sensitivity wheel
- Audible (buzzer) and visual (LED) indicators assist in identification
- Includes transmitter, receiver and battery

Model No R5020

Maintenance: Corrective or Breakdown Maintenance: Corrective or breakdown maintenance implies that repairs are made once the equipment malfunctions and cannot perform its normal function. Under such conditions, production departments call on maintenance teams to correct the issue. At this stage, often times test and measurement instruments are used to identify, troubleshoot and repair the issue at hand.

SCHEDULED OR ZERO HOURS MAINTENANCE: Under this type of industrial maintenance program the equipment is verified at scheduled intervals with the goal of identifying and replacing parts showing signs of “wear and tear” before they lead to bigger issues. The ideology of this program is based on “zero hours of operation”, that is, to keep the equipment running as if it was new.

Precise Test & Measurement instruments
### AC Clamp Meter, 400A
- Measures AC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle and temperature
- Diode test and continuity check functions
- Built-in non-contact voltage detector with LED indicator in clamp tip
- 4000-count 3½-digit LCD display with display hold and relative mode
- Includes test leads, thermocouple wire probe, temperature measurements, and batteries soft carrying case

Model No R5020

### TRMS AC/DC Clamp Meter, 1000A
- Measures AC/DC current and voltage, resistance, capacitance, frequency, duty cycle and temperature
- True RMS AC measurements
- Diode test and continuity check functions
- Built-in non-contact voltage detector
- 50,000-count backlit LCD display and analog bargraph
- Includes test leads, thermocouple wire probe, thermocouple adapter, batteries and soft carrying case

Model No R5040

### TRMS mA Clamp Meter
- Measures AC/DC current/voltage, resistance and capacitance
- True RMS AC measurements
- High resolution AC/DC mA readings
- Diode test and continuity check functions
- Non-contact voltage detector with LED indicator built into clamp tip
- V.F.C variable frequency control mode
- Includes test leads, batteries and soft carrying case

Model No R5015

### TRMS Digital Multimeter
- Measures AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Built-in non-contact voltage detector
- 5½-digit true RMS LCD display
- Includes test leads, thermometer, thermocouple wire probe, probes, batteries and soft carrying case

Model No R5007

### TRMS Digital Multimeter
- Measure AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Diode test and continuity check functions
- Non-contact voltage detector with LED indicator built into clamp tip
- V.F.C. variable frequency control mode
- Includes test leads, batteries and soft carrying case

Model No R5010

### TRMS Multimeter/Datalogger
- Measure, record and review AC/DC voltage and current, frequency, resistance, capacitance and temperature
- True RMS AC measurements
- Wireless Bluetooth connectivity
- IP67-rated dust and waterproof
- Includes test leads, type K thermocouple wire probe, thermocouple adapter, weatherproof plugs, Li-Ion battery, AC adapter and software

Model No R5005

### AC Voltage Detector
- Capable of detecting the presence of AC voltage from a safe distance
- Audible (buzzer) and visual (LED) indicators when voltage present
- Built-in flashshlight and pocket clip
- Suitable for outlets or against insulated wire (50 to 1000V AC)
- For use on 50/60Hz circuits
- Includes batteries

Model No R5100

### Continuity Tester
- Local and remote continuity tester
- Visual (flashing bi-color LEDs) and audible (pulsating beeper) indicators
- Capable of testing cables/wires up to 10,000’ (3000m)
- Remote probe allows for one person operation
- Includes battery

Model No R5300

### Circuit Breaker Finder
- Simply plug the transmitter into the receptacle under test and match the light pattern to the printed chart to determine the fault
- Detects most common 3-wire receptacle issues
- LED indicators identify 5 wiring faults
- Status indicator chart

Model No R5200

### Receptacle Tester
- Simply plug the instrument into the receptacle under test and match the light pattern to the printed chart to determine the fault
- Detects most common 3-wire receptacle issues
- LED indicators identify 5 wiring faults
- Status indicator chart

Model No R5200

### Motor Rotation and 3-Phase Tester
- 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
- Includes 3 color-coded cables, 3 alligator clips, battery and soft carrying case

Model No R5004

### AC Voltage/Current Data Logger
- Datalogs up to 256,000 measurements with user programmable sampling rates
- Dual input measures 2 voltage or current measurements or 1 of each
- Simultaneously displays time/date, current and Max/Min readings
- Includes AC current clamp sensors (2), voltage sensors (2), alligator clips (4), test probes (4), USB cable, software, AC adapter, batteries, and hard carrying case

Model No R5003

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**CORRECTIVE OR BREAKDOWN MAINTENANCE:** Corrective or breakdown maintenance implies that repairs are made once the equipment malfunctions and cannot perform its normal function. Under such conditions, production departments call on maintenance teams to correct the issue. At this stage, often times test and measurement instruments are used to identify, troubleshoot and repair the issue at hand.

**SCHEDULED OR ZERO HOURS MAINTENANCE:** Under this type of industrial maintenance program the equipment is verified at scheduled intervals with the goal of identifying and replacing parts showing signs of “wear and tear” before they lead to bigger issues. The ideology of this program is based on “zero hours of operation”, that is, to keep the equipment running as if it was new.

1-877-849-2127 | info@reedinstruments.com | www.REEDINSTRUMENTS.com
**Precision Test & Measurement Instruments**

**ELECTRICAL KNOWLEDGE:** A solid understanding of electricity and electrical components will be crucial to many industrial maintenance programs. Test and measurement tools provide reliable and accurate measurements to determine the status of components and systems by measuring various electrical aspects such as the presence and amount of current, voltage, resistance and power. Clamp meters and digital multimeters can be used to test and troubleshoot electrical equipment in order to detect faults or irregular functioning.

**MECHANICAL KNOWLEDGE:** Mechanical knowledge of how machines function including concepts such as mechanical power transmission, fluid power, piping systems, pumps, and compressors are key to a successful program. Industrial equipment and machinery may include a number of mechanical parts that would require test & measurement instruments to locate, diagnose and repair problems.

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**Insulation Tester**
- Measures 250V, 500V or 1000V test voltages and insulation resistance up to 2000MΩ
- Large backlit dual displays insulation resistance and test voltage simultaneously
- Lo O function for testing connections
- Data hold function
- Includes test leads, alligator clip, hanging strap, batteries and hard carrying case

**Vibration Meter/Datalogger**
- Measures velocity and acceleration to determine vibration levels
- RMS, Peak hold, Data hold and Max/Min functions
- 10Hz to 1kHz frequency range
- Real-time datalogger with integral SD memory card
- User selectable sampling rate from 1 to 3600 seconds
- Includes vibration probe with 47” (1.2m) cable, batteries and hard carrying case

**Thermal Imaging Camera**
- ±0.5 °C IR resolution (6,400 pixels)
- 2.6” color LCD display
- Built-in laser and white LED flashlight
- Capture both infrared and visual images and record video with audio annotations
- Includes Li-ion battery, AC adapter with plugs, micro SD card, USB and HDMI cable, earphones, wrist strap, software and carrying case

**Model No R2600**
**Model No SD-8205**
**Model No R2800**
**Model No R8500**
**Model No R8800**
**Model No R5820**
**Model No R2005**
**Model No R2007**

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**Temperature Simulator**
- Source B thermocouple types, including R, S, B, E, K, J, T, N and 7 RTD types, including Pt 10 (385), Pt100 (385), Pt200 (385), Pt500 (385), Pt1000 (385), Cu10, Cu50, plus volts and ohms
- Internal cold junction compensation
- Easy-to-read 6-digit LCD display and zero adjustment button
- Includes test leads, alligator clips, thermometer adapter, protective holster and batteries

**Voltage/Current Simulator**
- Setup and calibrate process devices such as transducers, indicators, recorders and controllers
- Provides adjustable 0 to 20mA and 0 to 10V calibration source
- Large, 5-digit LCD display
- Automatic calibration
- Includes test leads, alligator clips, protective holster and batteries

**Infrared Thermometer**
- Non-contact temperature measurement of hot, hazardous or hard-to-reach objects from a safe distance
- Built-in laser pointer identifies target area
- Measure temperatures up to 932°F (500°C)
- 8:1 distance to spot size ratio
- Fixed emissivity covers 90% of applications
- Includes battery

**Model No R2050**
**Model No R2100**
**Model No R2001**
**Model No R2002**

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**Voltage/Current Calibrator**
- Measure and calibrate current signals (-199.99mA/19.99mA)
- Power or measure two-wire current loops
- Easy-to-read backlit LCD display for use in dimly lit environments
- Cat. III 600V safety rating
- Includes test leads, battery and soft carrying case

**Loop Calibrator**
- mA sourcing, simulation and measurement
- Simulate mA and % with 0.001% display span
- Selectable step or ramp outputs
- Internal 24V loop power supply
- O-28 VDC measurement to check loop voltage
- Includes test leads, alligator clips, protective holster and batteries

**Infrared Thermometer**
- Dual lasers assist with target area identification
- 8:1 distance to spot size ratio
- Digitally adjustable emissivity
- Max, Min, Avg and Differential readings
- High/low alarms
- Internal memory capable of saving last 9 measurements
- Includes battery and soft carrying case

**Model No R5800**
**Model No R5820**
**Model No R2005**

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www.REEDINSTRUMENTS.com
**ELECTRICAL KNOWLEDGE:** A solid understanding of electricity and electrical components will be crucial to many industrial maintenance programs. Test and measurement tools provide reliable and accurate measurements to determine the status of components and systems by measuring various electrical aspects such as the presence and amount of current, voltage, resistance and power. Clamp meters and digital multimeters can be used to test and troubleshoot electrical equipment in order to detect faults or irregular functioning.

**MECHANICAL KNOWLEDGE:** Mechanical knowledge of how machines function including concepts such as mechanical power transmission, fluid power, piping systems, pumps, and compressors are key to a successful program. Industrial equipment and machinery may include a number of mechanical parts that would require test & measurement instruments to locate, diagnose and repair problems.

### Vibration Meter/Datalogger
- Measures velocity and acceleration to determine vibration levels
- RMS, Peak hold, Data hold and Max/Min functions
- 10Hz to 1kHz frequency range
- Real-time datalogger with integral SD memory card
- User selectable sampling rate from 1 to 3600 seconds
- Includes vibration probe with 47" (1.2m) cable, batteries and hard carrying case

### Insulation Tester
- Measure 250V, 500V or 1000V test voltages and insulation resistance up to 2000MΩ
- Large backlit dual displays insulation resistance and test voltage simultaneously
- Lo Ω function for testing connections
- Data hold function
- Includes test leads, alligator clip, hanging strap, battery and hard carrying case

### Temperature Simulator
- Source B thermocouple types, including R, S, B, E, J, K, T, N, and 7 RTD types, including Pt 10 (385), Pt100 (385), Pt200 (385), Pt500 (385), Pt1000 (385), Cu10, Cu50, plus volts and ohms
- Internal cold junction compensation
- Easy-to-read 6-digit LCD display and zero adjustment button
- Includes test leads, alligator clips, thermocouple adapter, protective holster and batteries

### Voltage/Current Simulator
- Setup and calibrate process devices such as transducers, indicators, recorders and controllers
- Provides adjustable D to 20mA and 0 to 10V calibration source
- Large, 5-digit LCD display
- Automatic calibration
- Includes test leads, alligator clips, protective holster and batteries

### Loop Calibrator
- mA sourcing, simulation and measurement
- Simulate mA and % with 0.001% display span
- Selectable step or ramp outputs
- Internal 24V loop power supply
- 0-28V DC measurement to check loop voltage
- Includes test leads, alligator clips, protective holster and batteries

### Insulation Tester
- 80 x 80 IR resolution (6,400 pixels)
- 2.8" color LCD display
- Built-in laser and white LED flashlight
- Capture both infrared and visual images and record video with audio annotations
- Includes Li-ion battery, AC adapter with plugs, micro SD card, USB and HDMI cable, earphones, wrist strap, software and carrying case

### Temperature Simulator
- Built-in laser pointer identifies hot area
- Measures temperatures up to 932°F (500°C)
- 8:1 distance to spot size ratio
- Fixed emissivity covers 90% of applications
- Includes carrying case and battery

### Voltage/Current Calibrator
- Measure and calibrate current signals (±199.99mA/19.99mA)
- Power or measure two-wire current loops
- Easy-to-read backlit LCD display for use in dimly lit environments
- Cat. III 600V safety rating
- Includes test leads, battery and soft carrying case

### Loop Calibrator
- mA sourcing, simulation and measurement
- Simulate mA and % with 0.001% display span
- Selectable step or ramp outputs
- Internal 24V loop power supply
- 0-28V DC measurement to check loop voltage
- Includes test leads, alligator clips, protective holster and batteries

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Industrial Maintenance

Industrial Maintenance refers to the ongoing repair and maintenance of different types of equipment and machinery used in an industrial setting. The field of industrial maintenance does not involve just the repair and resolution of already existing malfunctions. Industrial maintenance programs are an important part of the industrial maintenance field as they allow businesses to maximize productivity and ensure the return on investment of expensive equipment. Implementing a thorough Industrial Maintenance program will not only extend equipment longevity but also contribute to a safer working environment. REED INSTRUMENTS has the tools to help identify and diagnose problems, ultimately preventing unscheduled downtime and increasing plant safety.

Ultrasonic Thickness Gauge

• Measures the thickness of steel, cast iron, aluminum, red copper, brass, zinc, quartz glass, polyethylene, PVC, grey cast iron and nodular cast iron up to 7.9” (200mm)
• Displays sound velocity at the touch of a button
• Automatic material calibration
• User selectable unit of measure (ft/”mm)
• Includes probe, ultrasonic couplant gel, batteries and hard carrying case

Model No: TM-8811

Phase Rotation/Clamp Meter Kit

• R5004 Motor Rotation and 3-Phase Tester
• R5042 TRMS AC/DC Clamp Meter with Temperature
• R5100 Non-Contact AC Voltage Detector
• R1000 Safety Test Lead Set
• AD-1 Thermocouple Adapter
• TP-01 Beaded Wire Thermocouple Probe
• R8850 Soft Carrying Case

Model No: R5004-KIT

Electrical Troubleshooting Kit

• RS500 Circuit Breaker Finder/Receptacle Tester
• RS100 Non-Contact AC Voltage Detector
• RS300 Continuity Tester
• R9950 Soft Carrying Case

Model No: R5500-KIT

Temperature Combo Kit

• R5008 Digital Multimeter with Temperature
• R6006 Infrared Thermometer
• R5100 Non-Contact AC Voltage Detector
• R1000 Safety Test Lead Set
• AD-1 Thermocouple Adapter
• TP-01 Beaded Wire Thermocouple Probe
• R8888 Hard Carrying Case

Model No: R5008-KIT

Industrial Combo Kit

• R5201 TRMS Digital Multimeter
• R5202 AC Clamp Meter
• R8002 Infrared Thermometer
• R8100 Non-Contact AC Voltage Detector
• R1000 Safety Test Lead Set
• AD-1 Thermocouple Adapter
• TP-01 Beaded Wire Thermocouple Probe
• R8880 Hard Carrying Case

Model No: RINDUST-KIT

Video Inspection Camera

• Camera and video functions save high resolution images and video
• 2.5” color LCD monitor and 8mm waterproof (IP67) camera head
• Four high visibility LED lights provide illumination in dimly lit environments
• Includes magnet, hook and mirror attachments, USB cable, batteries and hard carrying case

Model No: R8500

Laser Distance Meter

• Measures distances up to 131’ (40m)
• Calculates area, volume and sum of lengths
• Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
• Retains maximum and minimum readings and up to 99 measurements in memory
• Reference point selection
• Integrated bubble level
• Includes batteries

Model No: R5008

Video Inspection Camera System

• Camera and video functions save high resolution images and record video/audio
• High resolution 16:9 7” TFT LCD display
• 12 high visibility LED lights
• Includes camera head, 85.3ft (20m) cable reel and push cable, remote control, hard carrying case with built-in DVR, battery pack and cable, car charger

Model No: R9000

Industrial Maintenance

INDUSTRIAL MAINTENANCE has the tools to help identify and diagnose problems, ultimately preventing unscheduled downtime and increasing plant safety.

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