

UEI
TEST INSTRUMENTS™



Product Catalog
Volume 53

Essential Tools for Essential Trades
www.ueitest.com

HUB

Smart Refrigeration Probes



WVG2



Wireless Vacuum Gauge Probe

- Range 0-20,000 Microns
- 1-micron Resolution, $\pm 5\%$ reading ± 5 microns accuracy
- Oil contamination and sensor failure detection
- Instant warm-up and response time
- 1/4" Nickel-plated flare fitting
- 45° coupler included

WPP1



Wireless Pressure Probes

- Pass through refrigerant port for easily adding or recovering refrigerant from the system without disconnecting probes.
- 180° rotation for easy use in cramped spaces.
- Range 0 to 725 psig, resolution 0.1 psi.
- Accuracy 0.5%FS (@25 \pm 3°C), total 1%FS

WPC2



Wireless Pipe Clamps

- Sensor is thermally isolated from ambient temperatures
- High accuracy thermistor provides better results than thermocouples and doesn't require field calibration.
- Slim design fits into tight spaces
- Range 32° to 176°F (0° to 80°C), Res. 0.1°F.
- Response time < 30 sec.

WHP1



Wireless Hygrometer Probes

- Slimmest 1/4" probe diameter means smaller drill holes.
- Magnetic mount and locking probe holds WHP1 to plenum for hands-free operation.
- Temp range: 32° to 140°F (0° to 60°C), Accuracy: $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$).
- Relative Humidity: 0 to 100%

WOT2



Wireless Outdoor Temperature Probe

- Temperature range 32° - 180°F (0° - 82°C)
- Magnetic hanger allows for temperature measurement in direct air stream
- Compact light weight design

UEi HUB

Free Intuitive App Features Vacuum, Refrigeration & Air Calculations



Measurement & Calculations

- Liquid and Suction line pressures, temperatures, saturations and outdoor dry bulb
- Superheat, subcooling and target superheat
- Delta and target delta temperatures
- Air Return and supply relative humidity, dry bulb, wet bulb, dew point and enthalpy
- Vacuum & deepest vacuum
- Evacuation and rise Limit target, timer
- H₂O saturation point indication
- Selectable units of measure
- High altitude compensation
- 57 refrigerants list and favorites refrigerant menu

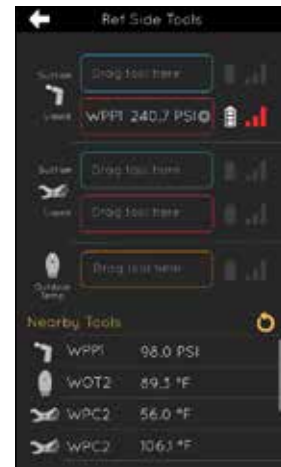
Vacuum Screen

Dual Mode Vacuum screen for Evacuation and Rise Tests.
Allows you to easily set Evacuation and Rise Tests values and timer.



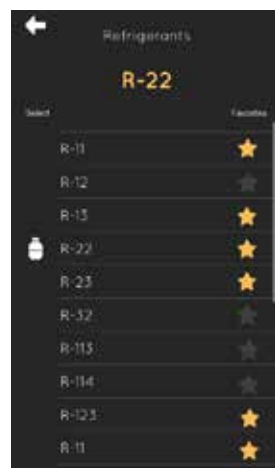
Quick Connections

Easily assign where probes are used on system.



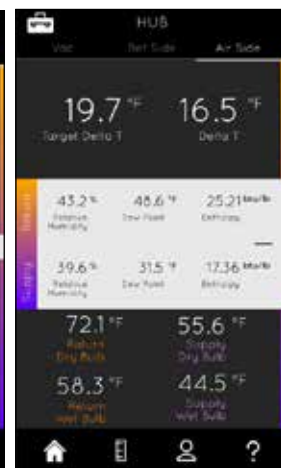
Refrigeration Screen

View Refrigerant values and *real-time target superheat*.
Select from list of 57 refrigerants and save most used types.



Air Side Screen

Air Side screen displays return & supply measurements
allowing users to view additional calculations.



Requires compatible mobile device
Android™ 5+, iOS® 10+ or iPadOS™ 10+

HUB

Comprehensive Product Line



		HUB8	HUB6	HUB4	HUB2	WVG2	WOT2
		Smart Refrigerant Probes Deluxe Kit	Smart Refrigerant Complete Kit	Smart Refrigerant Charging Kit	Smart Temperature Split Kit	Wireless Vacuum Gauge Probe	Wireless Outdoor Temperature Probe
Includes	Hygrometer Probe (WHP1)	x 2	x 2		x 2		
	Pressure Probe (WPP1)	x 2	x 2	x 2			
	Wireless Pipe Clamp (WPC2) or Wired Pipe Clamp (WPC1)	x 2 (WPC2)	x 2 (WPC1)	x 2 (WPC1)			
	Outside Temperature Probe	1					1
	Vacuum Gauge Probe	1				1	
	Batteries	✓	✓	✓	✓	✓	✓
	Carrying Case	✓	✓	✓	✓		
	Color Coded Probe Labels	✓	✓	✓	✓		
	45° Coupler	✓				✓	
	Warranty	1-yr Limited	1-yr Limited	1-yr Limited	1-yr Limited	1-yr Limited	1-yr Limited
General	Selectable units of measure	✓	✓	✓	✓	✓	✓
	High altitude compensation	✓	✓	✓	✓	✓	✓
	Easy Drag and Drop Probe Assignment	✓	✓	✓	✓	✓	✓
Air	Delta and target delta temperatures	✓	✓		✓		
	Air Return and Supply: Relative humidity, dry bulb, wet bulb, dew point and enthalpy	✓	✓		✓		
Refrigeration	Liquid and Suction line: Pressures, temperatures, saturations and outdoor dry bulb	✓	✓	✓			
	Superheat & subcooling	✓	✓	✓			
	57 refrigerants list and Favorites refrigerants menu**	✓	✓	✓			
	Target superheat	✓					✓*
Vacuum	Vacuum & Deepest vacuum	✓				✓	
	Evacuation and Rise Limit target, timer	✓				✓	
	H2O saturation point indication	✓				✓	

*Use in combination with other HUB probes. Not intended for individual use. ** Refrigerants upgradable via app

HUB

A Complete and Convenient Solution

Service and Charge AC/R Systems

Real-Time Target Superheat Calculation

Wireless Vacuum Gauge included

System refrigerant & air calculations

Wireless distance of up to 350ft



See pages 2-4 for details on the Probes, App and Kits.



Smart Refrigeration Complete Kit

HUB6 UPC: 053533508246

- Refrigerant side liquid and suction readings
- Air side return and supply calculations
- 1-year limited warranty



Smart Refrigeration Charging Kit

HUB4 UPC: 053533508239

- Refrigerant side liquid and suction readings
- 1-year limited warranty



Smart Temperature Split Kit

HUB2 UPC: 053533508215

- Air side return and supply calculations
- 1-year limited warranty



Wireless Vacuum Gauge Probe

WVG2 UPC: 053533508604

Use as a stand-alone vacuum gauge probe or upgrade your HUB6 or HUB4 kit to HUB8!

- Vacuum side evacuation and rise test modes
- Custom target and timer settings
- 1-year limited warranty



Wireless Outdoor Thermometer Probe

WOT2 UPC: 053533508611

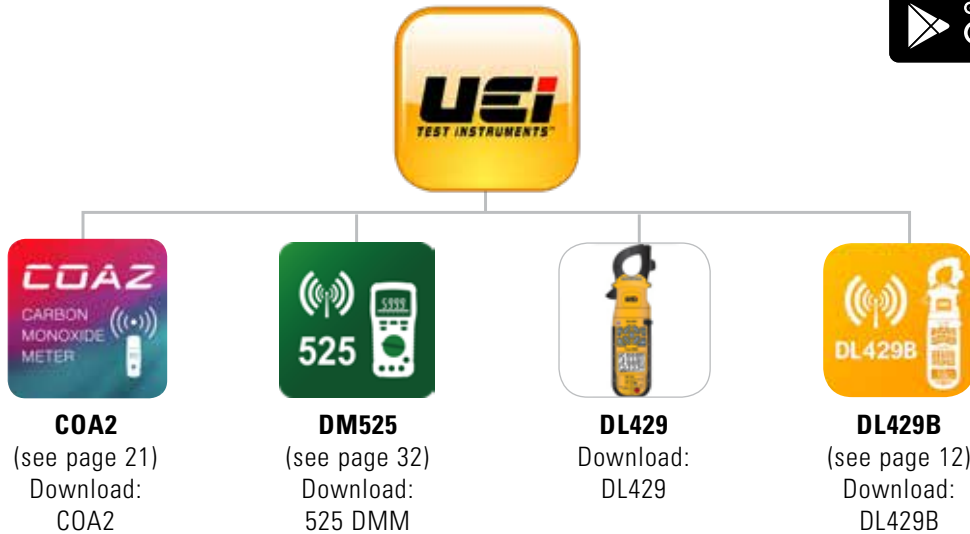
Upgrade your HUB6 or HUB4 kit with the WOT2 to add Target Superheat calculations

- Inline outside air temperature measurements
- Designed for use with other HUB probes and not intended for individual use
- 1-year limited warranty



UEi Apps

UEi Apps is an integrated solution that manages the Apps for several UEi products all in one. Now launch a single app that detects which UEi product is connected and launches the corresponding app.



UEi Refrigeration Apps

UEi also offers 2 refrigeration apps that connect to smart devices. **UEi Scale** for the Refrigerant Charging Scales (see page 6-7) and **UEi HUB** for wireless refrigeration probes (see page 3).



Kane Printer App

Residential / Commercial Combustion Analyzers (see page 22).



C163 & C164
Download: Kane Printer

UEi Air Flow App

DTHA2 for the Air Flow adapter (see page 19).



DTHA2
Download: DTHA2

THE RUMORS ARE TRUE

**SUPERIOR
ACCURACY**

**UNRIVALED
TOUGHNESS**

**DEPENDABLE
CONNECTIONS**

**A NEW STANDARD IN
WIRELESS SCALES**

UEI
TEST INSTRUMENTS™

designed by Arbiter

DESIGNED AND BUILT THE WAY WIRELESS SCALES SHOULD BE

Easy set up, quick connectivity, 35' to 100' wireless range and built tough enough for the job-site. Choose from one of three scales to suit your refrigeration charging needs.



WRS110: 110lbs capacity with 0.1 resolution



WRS220: 220lbs capacity with 0.2 resolution



WRSX: 330lbs capacity with 0.25 resolution

**SCAN TO WATCH
VIDEOS HIGHLIGHTING SCALE FEATURES**



**FREE APP "UEI SCALE",
EASY AS DOWNLOAD, CONNECT AND GO**



GET IT ON
Google Play

Available on the
App Store



Copyright © 2018 Kane USA, Inc. All Rights Reserved. iPhone® is a trademark of Apple, Inc., registered in the U.S. and other countries. Mobile device not included.

Smart Wireless Refrigeration Scale 110 lb.*

WRS110 UPC: 053533507584

Functions

- Capacity 110 pounds (50Kg)
- Resolution 0.1 oz

Features

- Requires compatible mobile device and free iOS® or Android™ App
- LED indicator lights on scale
- High accuracy, resolution and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Selectable units: Imperial or Metric
- Lightweight, compact and durable frame

Includes

Free App for iOS® and Android™
Battery (9V)
Manual (17390)

Warranty

1-Year limited warranty

Support materials

Manual: 17390
Data sheet: L407



Smart Wireless Refrigeration Scale 220 lb.*

WRS220 UPC: 053533507577

Functions

- Capacity 220 pounds (100Kg)
- Resolution 0.2 oz

Features

- Requires compatible mobile device and free iOS® or Android™ App
- LED indicator lights on scale
- High accuracy, resolution and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Selectable units: Imperial or Metric
- Lightweight, compact and durable frame

Includes

Free App for iOS® and Android™
Battery (9V)
Carrying pouch (AC419)
Manual (17390)

Warranty

1-Year limited warranty

Support materials

Manual: 17390
Data sheet: L407



Smart Wireless High Capacity Refrigeration Scale *

WRSX UPC: 053533581195

Functions

- Capacity 330 lbs. (150Kg)
- Resolution 0.25 oz

Features

- Optional display on mobile device with free iOS® or Android™ App
- High-contrast backlit LCD display
- High accuracy and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Selectable units: Imperial or Metric
- Lightweight, compact and durable frame
- Overload protection: Min 150% max load
- No-slip platform surface

Includes

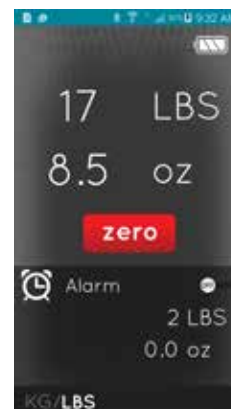
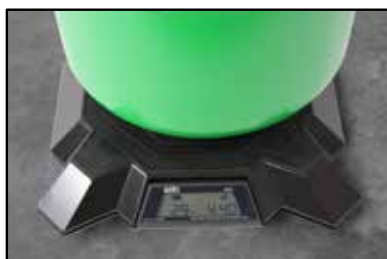
Free App for iOS® and Android™
Rechargeable batteries
Battery charger cable USB
Carrying pouch (AC419)
Manual (17288)

Warranty

1-Year limited warranty

Support materials

Manual English: 17288
Data sheet: L437



iOS® and Android™ are property of their respective owners. * U.S. Patent D818858

Digital Vacuum Micron Gauge

DMG150 UPC: 053533507720

Functions

- Measures in microns, pascals, Millibar, mmHg, mTorr
- Range: 0 to 15,000 microns
- Maximum over pressure 700 PSI
- Ambient temperature measurement

Features

- 5 units of measurement
- Real time leak measurement
- Time period leak measurement
- Backlit display

- Instant warm up time
- Instant response time
- Sensor fail detection
- Low battery indicator
- Sleep mode
- Compact and lightweight

Includes

45 degree coupler
Battery (CR123A)
Manual (17393)

Warranty

1-Year limited warranty

Support materials

Manual: 17393
Data sheet: L416



Dual AC Operation Hermetic Compressor Analyzer

HA1 UPC: 053533500752

Functions

- Dual voltage operation of 120V/240V AC
- 3 ranges of 250V AC starting capacitors between 88 and 301 MFD

Features

- Indicates continuity and ground faults in motor windings with LED lights
- Free locked rotors by reversing motor action

Includes

Adapter cord (ACF1)
Manual (HA1-MAN)

Warranty

1-Year limited warranty

Support materials

Manual: HA1-MAN
Data sheet: L351



**USA
ONLY**

Refrigerant Leak Detector w/ Gooseneck

RLD10 UPC: 053533503937

Functions

- Sensitive to .5 ounce per year R134A, R123, R410A
- Automatically detects all existing halogenated refrigerants and blends

Features

- Two position sensitivity selector
- Audible tick and visual indicators identify refrigerant leak rate

- Auto zeros when turned on
- 18 1/2 inch long gooseneck probe
- Colored LED leak indication

Includes

Battery (9V)
Manual (RLD10-MAN)

Warranty

1-Year limited warranty

Support materials

Manual: RLD10-MAN
Data sheet: L351



Refrigerant Leak Detector w/ Solid Electrolyte Sensor

RLD15B UPC: 053533507430

Functions

- Detects industry standard refrigerants including, but not limited to: HFC, HCFC, CFC (R134A, R410A)
- Hydrocarbon blends: HC-12a, OZ-12a

Features

- Solid electrolyte semiconductor sensor technology
- Digital numeric leak size indicator
- 3 Sensitivity levels
- Visual LED leak alarm

- Automatic calibration and ambient level reset
- Splash resistant
- Worklight
- Hard carrying case

Includes

Sensor filters 5 (RLDTF)
Leak test vial (RLDLS)
Batteries 4 (AA)
Hard carrying case
Manual (17203)

Warranty

2-Year limited warranty

Support materials

Manual: 17203
Data sheet: L400



Digital Clamp Meters



Part #	DL429B	DL489	DL389B	DL379B	DL369
	PREMIUM		DUAL DISPLAY		
TRMS	•	•	•		
AC Volts	750V	750V	750V	750V	750V
DC Volts	1000V	1000V	1000V	1000V	1000V
AC current (amps)	600A	600A	400A	400A	400A
DC current (amps)	600A	600A			
AC Low amps	2000μA	2000μA	2000μA	2000μA	2000μA
DC low amps	2000μA	2000μA	2000μA	2000μA	2000μA
Resistance (Ohms)	60MΩ	60MΩ	40MΩ	40MΩ	40MΩ
Capacitance (Farads)	2000μF	2000μF	4000μF	2000μF	4000μF
Frequency (Hertz)	99.99Hz - 99.99kHz	99.99Hz - 99.99kHz	9.999Hz - 99.9kHz	9.999Hz - 199.9kHz	
Duty cycle	•	•	•	•	
Temperature	-328°F to 2462°F	-328°F to 2462°F	-22°F to 752°F	-22°F to 752°F	
Continuity	•	•	•	•	•
Diode	•	•	•	•	•
NCV (LED & Audible)	•	•	Hi/Lo levels	Hi/Lo levels	•
Min/Max	•	•	•	•	•
Hold	Peak Hold	•	•	•	•
Ranging	Auto/Man	Auto/Man	Auto/Man	Auto/Man	Auto/Man
Display count	6000	6000	4000	4000	4000
Auto power off	•	•	•	•	•
Low battery warning	•	•	•	•	•
Backlight	•	•	•	•	
Magnetic mount	•	•	•	•	
Dual display	•	•	•	•	•
Worklight	•	•	•	•	
Detachable head	•	•		•	
Temp differential	•	•			
LRA inrush	•	•			
REL / DC Zero	•	•			
Wireless to app	•				
iOS & Android app	•				
Safety	CATIII 600V	CATIII 600V	CATIII 600V/ CATII 1000V	CATIII 600V/ CATIV 300V	CATIII 600V
Warranty	2-year limited	2-year limited	2-year limited	3-year limited	3-year limited



DL429B
TRUE RMS
600A AC/DC
750V AC/1000V DC
WIRELESS
DIFFERENTIAL
TEMPERATURE

Compatible smart phone not included.

True RMS Wireless Clamp Meter w/ Differential Temperature & DC Amps

DL429B UPC: 053533507164



Functions

- True RMS
- 750V AC/1000V DC
- 600A AC/DC
- Differential temperature
- DC microamps: 2000µA
- Capacitance: 2000µF

Features

- Wireless capability
- Free iOS® or Android™ App
- Dual display
- Auto/ Manual ranging
- Worklight
- Backlit display
- Low battery indicator
- Auto power off

Includes

Test leads w/ alligator clips (ATL57)
K-Type thermocouples 2 (ATT29)
Zippered pouch
Batteries 6 (AAA)
Manual

Warranty

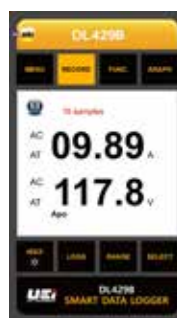
2-Year limited warranty

Safety Certifications

cETLus 3rd Edition
CATIV 600V/CATIII 1000V
IEC 61010-1 3rd Edition
IP42

Support materials

Manual: 17510
Manual Spanish: 17511
Manual French: 17512
Data sheet: L464



Commemorative Edition True RMS Digital Clamp Meter w/ DC Amps

DL489 UPC: 053533508055



Functions

- True RMS
- 600A AC/DC
- 750V AC/1000V DC
- Resistance: 60MΩ
- Capacitance: 2000µF
- AC/DC microamps: 2000µA
- Frequency: 99.99kHz
- Duty cycle
- Diode test
- Non-contact voltage detection

Features

- Data hold
- Min/Max
- LRA Inrush
- Peak hold
- Worklight/ Backlit display
- Low battery indicator
- Auto power off



Includes

Test leads w/ alligator clips CATIV 600V/CATIII 1000V (ATL57)
K-Type Temperature probe 2 (ATT29)
Zippered pouch
Batteries 6 (AAA)
Manual

Warranty

2-Year limited warranty

Safety Certifications

cETLus 3rd Edition
CATIII 600V/CATIII 1000V
IEC 61010-1 3rd Edition
IP42

Support materials

Manual English: 17398
Manual Spanish: 17399
Manual French: 17400
Data sheet: L412



G2 Phoenix Prime Dual Display Clamp Meter

DL369 UPC: 053533505733



DESIGNED BY
MADE BY
UEI

Functions

- 750V AC/1000V DC
- AC/DC current: 2000 μ A
- AC Current (Clamp); 400A
- Frequency/ Duty cycle
- Resistance: 40 M Ω

Features

- Dual display
- Low battery display lock
- Test lead storage
- Min/Max
- Auto ranging
- Auto power off

Includes

Test leads (ATL55)
Batteries 2 (AAA)
Manual
Zippered pouch

Warranty

3-Year limited warranty

Safety Certifications

cULus Listed
IEC 61010 2nd Edition
CATIII 600V
CATII 1000V

Dual Display HVAC Clamp Meter

DL379B UPC: 053533507171



DESIGNED BY
MADE BY
UEI

Functions

- 750V AC/1000V DC
- AC Current: 2000 μ A
- AC Current (Clamp): 400A
- Temperature range (K-Type):
-22° to 752°F (-30° to 400°C)
- Capacitance: 4000 μ F
- Frequency/ Duty cycle

Features

- Dual display
- High contrast backlit display
- Min/Max
- Input jack lock
- Worklight
- Low battery display
- Test lead storage

Includes

Test Leads
K-Type Temperature probe (ATT29)
Batteries 2 (AA)
Manual
Zippered pouch

Warranty

3-Year limited warranty

Safety Certifications

cULus
IEC 61010-2-032
CATIV 300V
CATIII 600V

Support materials

Data sheet: L372

True RMS Dual Display Clamp Meter with Temperature

DL389B UPC: 053533508413



DESIGNED BY
MADE BY
UEI

Functions

- True RMS
- 750V AC
- 1000V DC
- 400A AC
- Temperature range: -22° to 752°F
(-30 to 400C)
- Capacitance: 4000 μ F

Features

- Dual Display
- Input jack locks
- Worklight
- Backlit display
- Auto/manual ranging
- Min/Max
- Test lead storage
- Magnetic mount

Includes

Test leads (ATL55)
K-Type temperature probe (ATT29)
Batteries 2 (AAA)
Manual
Pouch

Warranty

2-Year limited warranty

Safety Certifications

CATIII 600V/CATII 1000V

Support materials

Manual: 26069
Manual Spanish: 26071
Manual French: 26070
Data sheet: L474

DC AMP Meter w/pipe clamp probes

DL489COMBO UPC: 05353350757

Includes

DL489 Clamp Meter
ATTPC3 Pipe clamp adapter 2
Test leads (ATL55)
K-Type temp. probe 2 (ATT29)
Batteries 6 (AAA)
Manual
Zippered Pouch



Clamp Meter w/ Pipe Clamp Probe

DL479COMBO UPC: 05353350756

Includes

DL479 Clamp Meter
ATTPC3 Pipe clamp adapter
Test leads (ATL55)
Alligator clips (AAC3)
K-Type temp. probe (ATT71)
Batteries 2 AA
Manual
Zippered Pouch



True RMS Dual Display Clamp Meter w/Temperature and ATTPC3 Pipe Clamp Adapter

DL389BCOMBO UPC: 053533508468

Includes

ATTPC3
Batteries 2 (AAA)
Manual
Test leads (ATL57)
Zippered pouch
K-Type Temperature probe (ATT29)



G2 Phoenix Pro Dual Display Clamp Meter HVAC

DL379BCOMBO UPC: 053533507171

Includes

Test Leads (ATL55)
K-Type Temperature probe (ATT29)
Batteries 2 (AA)
Manual
Zippered pouch



Clamp Meter Kit

HVACKIT UPC: 053533505542

Includes

Digital Clamp Meter (DL479)
Infrared Thermometer (INF165C)
Non-contact voltage detector (NCV3)
Pipe clamp adapter (ATTPC3)
Batteries
Manuals (17211)
K-Type Thermocouple type Adapter (ATT70)



Test and Check Professional Kit

TACK30 UPC: 053533508109

Includes

AC 600A True RMS Clamp Meter (DL479)
Combustible Gas Leak Detector (CD100A)
Hi-Res Differential Digital Manometer (EM201B)
Digital Pocket Thermometer (PDT550)
Soft carry case (AC73)
Temperature pipe clamp adapter (ATTPC3)
K-Type Thermocouple type Adapter (ATT70)
Batteries



Test and Check Advanced Kit

TACK20 UPC: 053533508093

Includes

AC 600A True RMS Clamp Meter (DL479)
Combustible Gas Leak Detector (CD100A)
Differential Digital Manometer (EM152)
Digital Pocket Thermometer (PDT550)
Soft carry case (AC73)
Temperature pipe clamp adapter (ATTPC3)
K-Type Thermocouple type Adapter (ATT70)
Batteries



Test and Check Kit

TACK10 UPC: 053533508086

Includes

AC 400A True RMS Clamp Meter (DL469)
Combustible Gas Leak Detector (CD100A)
Differential Digital Manometer (EM152)
Digital Pocket Thermometer (PDT550)
Soft carry case (AC73)
Batteries
Manual



Digital Pocket Thermometer NSF

PDT660 UPC: 053533508451

Features

- -58° to 572°F (-50° to 300°C)
- Backlit display
- Approx. 1/sec update rate
- Pocket clip
- Folding
- Reads open or closed
- Min/max
- F or C scale

Warranty

1-Year limited warranty

Includes

Battery (CR2032)
Manual



Digital Folding Pocket Thermometer

PDT650 UPC: 05353370128

Features

- -58° to 572°F (-50° to 300°C)
- Folding probe
- Reads at all angles
- Magnetic mount
- Min/Max

Warranty

3-Year limited warranty

Includes

Battery (AB13)



Digital Pocket Thermometer

PDT550 UPC: 05353370093

Features

- -58° to 572°F (-50° to 300°C)
- Waterproof
- NSF
- Magnetic mount
- Min/Max
- Probe cover extension

Warranty

3-Year limited warranty

Includes

Battery (AB13)



Digital Pocket Thermometer

550B UPC: 05353370117

Features

- -58° to 578°F
- Protective boot
- NSF
- Magnetic mount
- Water resistant
- Min/Max
- Data hold

Warranty

3-Year limited warranty

Includes

Battery (AB13)



Digital Pocket Thermometer

300AC UPC: 05353370092

Features

- -50° to 150°C
- NSF
- Min/Max
- Hold
- Easy access battery compartment

Warranty

1-Year limited warranty

Includes

Battery (AB14)
Protective sleeve



Vapor Tension Remote Thermometer

RF60A UPC: 05353370057

Features

- -40° to 60°F (-40° to 15°C)
- 2°F/1°C per division
- 2" Dial with 3" mounting flange
- 48" Nickel plated capillary
- Color-coded scales

Warranty

1-Year limited warranty



Refrigerator Freezer Thermometer

RFT2A UPC: 05353370058

Features

- -20° to 80°F (-30° to 30°C)
- 2°F/1°C per division
- Hangs or stands
- Stainless steel frame

Warranty

1-Year limited warranty



Refrigerator Freezer Thermometer

FG80K UPC: 05353370034

Features

- -40° to 80°F (-40° to 27°C)
- Large 5" x 1 1/4" scale plate
- Red spirit-filled (non mercury)
- Hangs or stands

Warranty

1-Year limited warranty



NSF Infrared Thermometer w/ Folding Probe

INF145 UPC: 053533508208

Functions

- 8:1 Distance-to-spot ratio
- Temperature range: -76° to 662°F (-60° to 350°C)
- Temperature probe

Features

- HACCP Zone display
- Circular laser targeting
- Dual display
- Selectable emissivity level: 0.1 to 1.0
- Min/Max/Hold

Includes

Batteries 2 (AAA)
Manual

Safety standards

CE Conformity
NSF

Warranty

1-Year limited warranty

Support materials

- Manual: online
- Data sheet: online



Dual Input Logging Thermometer

DT302 UPC: 05353350562

Functions

- Dual thermocouple input
- J-Type: -346° to 2192°F (-210° to 1200°C)
- K-Type: -328° to 2498°F (-200° to 1370°C)
- T-Type: -418° to 752°F (-250° to 400°C)
- E-Type: -238° to 1832°F (-150° to 1000°C)
- Differential T1-T2

Features

- Data logging
- 9,999 Memory positions
- USB interface (software included)
- Thermocouple temperature offset
- Min/Max/Avg/Hold
- Probe storage
- Accepts J, K, T and E type probes

Warranty

3-Year limited warranty

Includes

K-Type temperature probes 2 (ATT39)
Batteries 2 (AAA)
Quick Start Guide
Manual

Safety standards

IP67
CATI
CE Conformity



Quad Input Logging Thermometer

DT304 UPC: 05353350563

Functions

- Quad thermocouple input
- J-Type: -346° to 2192°F (-210° to 1200°C)
- K-Type: -328° to 2498°F (-200° to 1370°C)
- T-Type: -418° to 752°F (-250° to 400°C)
- E-Type: -238° to 1832°F (-150° to 1000°C)
- Differential T1-T2 and T3-T4

Features

- Data logging
- 9,999 Memory positions
- USB interface (software included)
- Thermocouple temperature offset
- Min/Max/Avg/Hold
- Probe storage
- Accepts J, K, T and E type probes

Warranty

3-Year limited warranty

Includes

K-Type temperature probes 4 (ATT39)
Batteries 2 (AAA)
Quick Start Guide
Manual

Safety standards

IP67
CE Conformity
CATI
CSA 22.2



Dial Pocket Thermometers



T125/3	05353370005	1-3/4" Dial Thermometer 25° to 125°F
T160	05353370007	1" Dial Thermometer -40° to 160°F
T160/3	05353370008	1-3/4" Dial Thermometer -40° to 160°F
T220	05353370011	1" Dial Thermometer 0° to 220°F
T220/3	05353370012	1-3/4" Dial Thermometer 0° to 220°F
TC100	05353370019	1" Dial Thermometer -10° to 100°C
TC70	05353370021	1" Dial Thermometer -40° to 70°C

Circular Laser Targeting Eliminates Distance to Spot Guessing

12:1 Infrared Thermometer

INF165C UPC: 053533507416



8-point circular laser

The INF165C has an eight-point circle outlining the measuring spot. This ends all confusion about the target being measured.

Large high-contrast backlit display

The large high-contrast backlit display makes viewing test results easy in either dark or well-lit work environments.

Essential functionality perfect for HVAC/R applications

The INF165C features essential functionality needed for HVAC/R non-contact measurements that include a wide temperature range, max value capture and is backed by a 1-year limited warranty.

Functions

- -76° to 1022°F (-60° to 550°C)
- 12:1 Distance to spot ratio

Features

- Circular laser targeting
- Max value capture
- Selectable emissivity (0.70, 0.95)
- Auto power off

Includes

Batteries 2 (AAA)
Carrying case
Manual

Warranty

1-Year limited warranty

Safety standards

Danger - Class III Laser Product
CE Conformity

Support materials

Manual: 17300
Data sheet: L394

8-Point Circular Laser Advantage



Single Laser Spot

Single spot laser indicates the center of the measured area and requires the user to guess the measured spot based on the distance from the target.

Convergence Lasers

Convergent lasers are closer to the measured spot but are inaccurate at close or far ranges. It requires the user to know their exact distance from the target.

8-Point Circular Laser

The circular laser directly outlines the measured spot at all distances eliminating potential errors from guessing the size of the measured spot.

12:1 Infrared Thermometer w/ K-Type Input

INF195C UPC: 053533701357

Functions

- -76° to 1022°F (-60° to 550°C)
- 12:1 Distance to spot ratio
- K-Type thermocouple input

Features

- Circular laser targeting
- Min/Max/Avg/Diff
- 3 Emissivity levels: (0.30, 0.70, 0.95)
- Hi/Lo alarm (user adjustable)
- Backlit display

Includes

K-Type thermocouple
Batteries 2 (AAA)
Carrying case
Manual

Safety standards

Danger - Class IIIa Laser Product
CE Conformity

Warranty

1-Year limited warranty

Support materials

- Manual: 17303
- Data sheet: L396



Digital Pocket Psychrometer

DTH35 UPC: 05353350693

Functions

- Temperature -4° to 122°F (-20° to 50°C)
- Relative Humidity 0.1 to 99.9%
- Wet bulb 5° to 121.8°F (-15° to 49.9°C)
- Dew point -4° to 121.8°F (-20° to 49.9°C)
- Enthalpy -1 to 125 BTU/LB (-2.2 to 292KJ/KG)

Features

- Min/Max
- Data hold
- Magnet
- Designed for in-duct measurement
- Probe cover functions as an extension

Includes

Batteries 2 (CR2032)
Manual

Warranty

1-Year limited warranty

Support materials

Manual English: 17050
Manual French: Online
Data sheet: Online



Indoor Air Quality Meter

AQM4 UPC: 05353350635

Functions

- CO 0 to 1000 ppm
- Measures CO₂
- Temperature -5° to 140°F (-20° to 60°C)
- Relative Humidity 0.1 to 99.9%
- Dew Point -5° to 140°F (-20° to 60°C)
- Wet Bulb 23° to 140°F (-5° to 60°C)

Features

- Min/Max
- TWA/STEL for CO₂
- User settable CO alarm
- Record and download to PC for analysis

Warranty

2-Year limited warranty (Includes sensor)

Includes

AC adapter
PC interface software
USB cable
Calibration reference salts for RH%
Batteries
Manual

Support materials

Manual: Online
Data sheet: L349



USB Temperature and Humidity Data Logger

THL2 UPC: 05353370121

Functions

- Temperature -40° to 158°F (-40° to 70°C)
- Relative Humidity 0 to 100%
- Dew point -40° to 158°F (-40° to 70°C)

Features

- Requires compatible computer with USB connectivity to use
- 32,000 data points (16,000 Temperature, 16,000 Relative Humidity)
- Analysis software: dew point calculation, charting of results, and file export options

- The THL2 is compatible with computers using Windows™ 2000, XP, Vista, Windows™ 7, Windows™ 8, Windows™ 10.
- Instant or manual logging start up
- Alarm LED's with user selectable values

Warranty

1-Year limited warranty

Includes

Battery (1/2 AA), AB15
Manual
Software

Support materials

Manual English: THL2-MAN
Manual French: Online
Data sheet: L353



Digital Thermo-Hygrometer

DTH10 UPC: 05353350363

Features

- Measures temperature, Relative Humidity
- Fast, accurate electronic sensor
- Displays Relative Humidity and temperature at the same time
- Min/Max record
- Data hold
- Auto power off

Warranty

1-Year limited warranty

Includes

Battery (CR2032)
Manual



Temperature and Humidity Monitor

DTH880 UPC: 053533502664

Features

- Displays temperature and relative humidity at the same time
- Large digit LCD display
- Comfort indicator
- Maximum/Minimum

Warranty

1-Year limited warranty

Includes

Batteries 2 (AA)
Manual



Wireless Airflow Temperature Humidity Adapter

DTHA2 UPC: 053533508420



Functions

- Temperature range: 0.0° to 122.0°F (17.7° to 50.0°C)
- Humidity range: 0.1% to 99.9 RH
- Airflow Range: 217 to 3937 ft/sec
- Calculates: Dew Point, Wet Bulb, Dry Bulb, Volumetric flow

Features

- iPhone® or Android™ compatible
- Free App
- Extension screw input for extending into the air flow
- Sliding cover



Includes

Free App
Carrying strap
Batteries 2 (CR2032)

Warranty

1-Year limited warranty

Support materials

Manual: 17519
Data sheet: L472



Digital Anemometer w/ Humidity Tester

DAFM3B UPC: 053533507188

Functions

- Measures: air velocity, temperature and humidity
- Calculates: wet bulb, dew point and air volume (CFM, CMM)

Features

- Up to 1 hour accumulative average
- Handheld size, easy to carry
- English/ Metric scales
- Auto power off selectable
- Low battery indication

- Professional remote vane
- Protective twist cap for temperature/humidity sensor

Includes

Battery (9V)
Hard carrying case
Manual (17132)

Warranty

1-Year limited warranty

Support materials

Manual: 17132
Data sheet: L439



Digital In-Duct Mini Vane Anemometer

DAFM4 UPC: 053533506877

Functions

- Air velocity 99 to 3937 ft/s (0.3 to 35 m/s)
- Temperature range: -4° to 140°F (-20°C to 60°C)
- Relative humidity: 0.1 to 99.9%
- Dew point

Features

- In-duct or grill surface measurements
- Up to one hour accumulative average
- Mini vane probe with built-in temperature and relative humidity sensor

- 0.7 inch diameter vane head with 39 inch long telescopic and scale marked probe
- Fast, accurate response
- Display Min/Max value
- Data hold
- Auto power off selectable

Includes

0.7 in diameter vane with 39 in telescopic and scale marked probe
Battery (9V)
Hard carrying case
Manual

Warranty

1-Year limited warranty

Support materials

Manual: 17022
Data sheet: L365



Long Life Ambient CO Detector

C071A UPC: 05353350551

Functions

- Measures: CO 1 to 999 ppm

Features

- Preset alarms
- 3-Color warning light
- Audible alert
- MAX capture
- Data hold
- Low battery indicator
- CO detection 1 to 999 ppm
- Backlit display

Includes

CO Detector (C071A)
Holster w/ Belt Clip
Battery (9V)
Owners Manual

Warranty

3-Year limited warranty

Support materials

Manual: 17086A
Data sheet: L707



Combustible Gas Leak Detector

CD100A UPC: 05353350370

Functions

- Senses leading combustible, non combustible and toxic gases.
- Minimum detection 50 ppm methane

Features

- Long 18" goose neck for hard to reach areas
- 'Tip-light' in sensor cap illuminates the search area
- Sensor provides accurate detection
- Audio and visual tic rate, fully adjustable

- Headphone jack
- Low battery indication
- Sensor cover
- Protective boot
- Replaceable sensor

Includes

Battery (9V)
Manual

Warranty

1-Year limited warranty

Safety standards

EN 50081-1
EN 50082-1
EN 61010-1

Support materials

Manual English: CD100A-MAN
Manual French: Online
Data sheet: L518



Combustible Gas Leak Detector w/ Alarm

CD200 UPC: 05353350392

Functions

- Senses leading combustible, non combustible and toxic gases.
- 50 ppm minimum detection

Features

- Visual leak detection by color LED's
- Long 18" goose neck
- Separate user adjustable alarms for predetermined level detection
- Precision sensor detects even the smallest leaks

- 'Tip-light' in sensor cap illuminates the search area
- Adjustable tick rate to locate leaks quickly and easily
- Fast response time of less than two seconds to 40% LEL
- Headphone jack
- Replaceable sensor

Includes

Batteries (AA)
Manual

Carrying Case

Warranty

3-Year limited warranty

Support materials

Manual: CD200-MAN
Data sheet: L530



LP Pro Test Kit. CD100A/ EM152/ AC504

LPKIT UPC: 053533505597

Includes

- Combustible Gas Leak Detector (CD100A)
- Electronic Manometer (EM152)
- Hard carrying case (AC504)



LP PRO PLUS Test Kit. C071A/ CD100A/ EM152/ AC504

LPKITPLUS UPC: 053533505603

Includes

- Combustible Gas Leak Detector (CD100A)
- Electronic Manometer (EM152)
- Carbon Monoxide Detector (C071A)
- Hard carrying case (AC504)



Carbon Monoxide Detector

Use as a **Stand-Alone Detector** or
Connect to a Smart Device

Wireless Carbon Monoxide Detector w/ CO Sensor Self-Test

COA2 UPC: 053533508475



Functions

- CO Detection: 0 to 999 ppm
- Resolution: 1 ppm

Features

- Wireless
- Free App: can log/graph/email
- iPhone® or Android™ compatible
- CO sensor Self-Test
- Audible alert
- 3 Color warning alert
- Max value capture
- Hold

Includes

Free App
Batteries 3 (AAA)
Manual

Warranty

1-Year limited warranty

Safety Certifications

CE Conformity

Support materials

Manual: 201972
Data sheet: L479



Residential / Commercial Combustion Analyzers



Functions	C161	C162	C163	C164	C165	C165KIT	C165NO	C165NOKIT
CO sensor (Long life sensor)	✓	✓	✓	✓	✓	✓	✓	✓
CO2 sensor (EOS sensor)	✓	✓	✓	✓	✓	✓	✓	✓
O2 (calculated)	✓	✓	✓	✓	✓	✓	✓	✓
Flue and Inlet Temperature	✓	✓	✓	✓	✓	✓	✓	✓
Differential Temperature	✓	✓	✓	✓	✓	✓	✓	✓
Efficiency (Net, Gross)	✓	✓	✓	✓	✓	✓	✓	✓
Excess Air	✓	✓	✓	✓	✓	✓	✓	✓
Losses	✓	✓	✓	✓	✓	✓	✓	✓
CO/CO2 Ratio	✓	✓	✓	✓	✓	✓	✓	✓
Heat Exchange Test	-	✓	✓	✓	✓	✓	✓	✓
Over-Range Pump	-	-	✓	✓	✓	✓	✓	✓
Pressure (Differential)	-	-	✓	✓	✓	✓	✓	✓
Wireless to App Printer	-	-	✓	✓	Optional	Optional	Optional	Optional
NO sensor	-	-	-	✓	-	-	✓	✓
CO Room Test	-	-	-	-	✓	✓	✓	✓
Commissioning Test	-	-	-	-	✓	✓	✓	✓
Includes								
Analyzer/Probe	✓	✓	✓	✓	✓	✓	✓	✓
Batteries/Charging Cable	✓	✓	✓	✓	✓	✓	✓	✓
Carrying Case	-	✓	✓	✓	✓	✓	✓	✓
K-type Temp Probes/Spare Filter	-	✓	✓	✓	✓	✓	✓	✓
Tubing Kit	-	-	✓	✓	✓	✓	✓	✓
Printer/Spare Paper Roll	-	✓	-	-	-	✓	-	✓
Features								
Large 6-Line backlit display	✓	✓	✓	✓	✓	✓	✓	✓
Dial Navigation	✓	✓	✓	✓	✓	✓	✓	✓
NOx filter CO sensor	✓	✓	✓	✓	✓	✓	✓	✓
Altitude compensation	✓	✓	✓	✓	✓	✓	✓	✓
Low flow detection	✓	✓	✓	✓	✓	✓	✓	✓
Boot with built-in magnet	✓	✓	✓	✓	✓	✓	✓	✓
Water trap indicator	✓	✓	✓	✓	-	-	-	-

Residential / Commercial Combustion Analyzers

6-Line Display and New Navigation

The navigation and display is redesigned to easily see all parameters at once, no more getting lost in menus.

NOx Filtered CO Sensors

Provides better accuracy, avoiding cross contamination.

Dynamic Warranty

Warranty can be extended up to 6 years with each annual recertification.

High Altitude Compensation

Compensates temperature and pressure readings based on altitude

EOS Sensor Technology

Lowers the cost-of-ownership with one less sensor to worry about.

Printing Options

Prints to **IRP-2** and **KMIRP2** Infrared Thermal Printers.

Or select the **Wireless** option to print to the free **KANE Printer App**.
(See comparison chart on page 22 for wireless app printer and IR printer options).



Residential / Commercial Combustion Analyzers



Residential Combustion Analyzer

C161 UPC: 053533508338



Residential Combustion Analyzer w/ Printer Kit

C162 UPC: 053533508345



Residential/Commercial Combustion Analyzer w/ Pressure

C163 UPC: 053533508352



Residential/Commercial Combustion Analyzer w/ Pressure & NOx Sensor

C164 UPC: 053533508543



Commercial Combustion Analyzer

C165 UPC: 053533508437

C165NO (Adds NOx Sensor) UPC: 053533508550



Commercial Combustion Analyzer w/ Printer

C165KIT UPC: 053533508376

C165BTKIT (Adds wireless module instead of printer) UPC: 053533508444

C165NOKIT (Adds NOx Sensor) UPC: 053533508567

C165OILKIT (adds Smoke Pump Tester) UPC: 53533508581

C165NOOILKIT (adds NOx sensor and Smoke Pump Tester) UPC: 053533508574

Annual Combustion Recertification Service

We Make It Easy



2-Business Day Turnaround

For prepaid standard recertification service

Transparent Pricing

Single flat rate
Know your price upfront
No surprises!

Complete Service

Sensor calibration or replacement
30-point inspection
Firmware and software updates
Certificate of calibration
12-month warranty on the analyzer
Summary of work and parts replaced
Paid return freight (continental US and Canada)



NIST and ISO accredited services

We offer NIST and ISO accredited services on most products. Visit us online for more details.

Two ISO Accredited Facilities

We have two ISO/IEC 17025:2017 accredited facilities
Our technicians are factory-certified
We only use EPA protocol test gases

Canada

13571 Verdun Place, #150
Richmond, BC V6V 1W5



USA

7601 E 88th Place,
Indianapolis, IN 46256



Visit Us Online For Recertification and Accredited Services
WWW.UETEST.COM

Industrial Flue Gas Analyzer

KANE975 UPC: 053533508840

The KANE975 is an Industrial Flue Gas Analyzer with options for up to 7 sensors and ideal for larger systems. It offers an Over-range protection pump to prevent sensor damage, intuitive keypad and buttons for ease of use, and a large full color graphic display. And is backed by a year warranty.



Functions

- Measures: CO 0% to 10,000 ppm
- Measures: O₂ 0% to 21%
- Measures: Differential Pressure
- Measures: Temperature - Inlet/Flue Gas/ Differential/Ambient
- Calculates: CO₂ 0% to 99%
- Calculates: CO/CO₂ ratio

Features

- Low Energy Wireless Module
- Infrared printer link
- Logs & Stores 8000 Test Results
- High Suction Double Headed Pump
- Fluoroplastic ILined Flue Probe
- Heavy Duty Waterproof Case

1-Year limited warranty

Includes

Fluoroplastic Lined Flue Probe & Hose
Rechargeable batteries
Pressure Connectors
Battery Charger
Quick Reference Guide
Calibration Report
Heavy Duty Case



KANE975 Sensor Options	
CO	Standard
CO ₂	Optional
NO	Optional
Temperature	Standard
Differential Pressure	Standard
H ₂ S	Optional
High Range CO Sensor instead of standard CO sensor	Optional
NO ₂ sensor in place of any other sensor	Optional
SO ₂ sensor in place of any other sensor	Optional
CO ₂ infrared sensor: range 0 to 20%	Optional

Dual Differential Digital Manometer

EM201B UPC: 05353350690

Functions

- Dual input differential measurement to ± 60 inches water column
- Triple Scale: inches water column (In-WG), mBar, PSI, and Pa (auto range to hPa)

Features

- Dynamic Min/Max value capture
- Data hold
- Backlit display
- Rubber boot with integral magnet
- Auto power off

Includes

Pressure tubes w/ brass fittings 2 (BF100)
Battery (9V)
Manual

Warranty

3-Year limited warranty

Support materials

Manual: EM151/EM201B-MAN
Data sheet: L354



Dual Differential Digital Manometer

EM152 UPC: 05353335074

Functions

- Range: ± 60 inH₂O
- Differential pressure

Features

- Measures in 11 scales; InH₂O, psi, bar, mBar, kPa, inHG, mmHG, ozin, FtH₂O, cmH₂O and kgcm.
- Magnetic mount
- Auto ranging
- Backlit display
- Data hold

- Max/Min
- Zero button

Includes

Flexible silicone 18" tubing (2) 1/4" diameter
Barbed gas valve fitting 2 (BF102)
Soft pouch (7.48" x 4.33" x 1.96")
Manual
Battery (9V)

Warranty

1-Year limited warranty

Support materials

Manual English: 17240
Data sheet: L398



Static Pressure Kit (EM201B, ASP1 (2), Tubing, T Fitting)

EM201SPKIT UPC: 053533506235

Functions

- Dual input differential measurement to ± 60 inches water column (InWC)

Features

- Dual input
- Triple scale: inches of water column (inWC), mBar, PSI, Pa (auto range to hPa)
- Data hold
- Dynamic Min/Max value capture
- Backlit display

Includes

Dual Input Electronic Manometer (EM201B)
Magnetic static pressure probe tips 2 (ASP1)
Stepped T fittings 2 (TF100)
Pressure tubes w/ brass fitting 2 (BF100)
60 Inch Pressure tube

Warranty

3-Year limited warranty

Support materials

Manual English: EM151/201B
Data sheet: L364



Static Pressure Accessory Kit

SPAK1 UPC: 05353360651

Includes

Magnetic Probe Tips 2 (ASP1)
60" Pressure Tube
Stepped "T" fitting (TF100)
Soft Carrying Case (AC319)

Warranty

1-Year limited warranty



600V AC/DC Digital Insulation Resistance Tester

IRT803 UPC: 053533508130

Functions

- 600V AC/DC
- Resistance: 20.00 Ω to 20.0 K Ω
- Earth-bond resistance

Features

- Compare reading function
- Pi/DAR test
- A-hold/ Hold
- Lock reading
- Rotary dial selector
- Protective rubber boot

Includes

Silicone test leads w/ alligator clips
(red and black) (ATL57)
Insulation test probe w/ alligator clips
(red & black)
Batteries
Manual
Soft carrying case

Warranty

1-Year limited warranty

Safety standards

CATIV 600V/CATIII 1000V
CE Conformity

Support materials

Manual: 17416
Data sheet: L434



1000V AC/DC Advanced Insulation Resistance Tester

IRT807 UPC: 053533508147

Functions

- True RMS
- 1000V AC/DC
- Resistance: 20.00 Ω to 20.00 k Ω
- Earth-bond resistance
- Capacitance
- Frequency

Features

- PI/ DAR test
- A-hold/ Hold
- Min/Max
- Rotary style selector
- Protective rubber boot
- Kick stand
- Test lead holders

Includes

Silicone test leads w/ alligator clips
(red and black) (ATL57)
Insulation test probe w/ alligator clips (red)
K-Type thermocouple
Soft carrying case
Batteries
Manual

Warranty

1-Year limited warranty

Safety standards

CATIV 600V/CATIII 1000V
CE Conformity

Support materials

Manual: 17420
Data sheet: L436



Hand-Cranked Insulation Resistance Tester

IRT20 UPC: 05353350192

Functions

- 1000, 500 and 250 volt output ranges
- Water resistant rugged metal housing
- Damping time exceeds 4 seconds
- Hand-crank power supply

Warranty

1-Year limited warranty

Support materials:

Manual: IRT20-MAN
Data sheet L506



USA ONLY

Cable Length Meter

CLM100 UPC: 05353370078

Functions

- Measures 25' to 30,000'
- Wire size: 26 ga to 4/0 ga
- 250 MCM – 500 MCM
- Milliohm measurement capability
- Resistance 65 Ω

Features

- Measures copper and aluminum cables, covers major wire gauges
- Automatic temperature compensation

- Reads in feet and meters
- Auto power off
- Calibration mode

Includes

Test Leads (ATL190)
Calibration Bar (15154)
Hard Carrying Case (AC504)
Battery (9V)
Manual

Warranty

5-Year limited warranty

Support materials

Manual English: CLM100-MAN
Manual French: Online
Data sheet: L135



1000V Digital Multimeter**DM505** UPC: 053533508178**Functions**

- 1000V AC/DC
- 10A AC/DC
- Resistance: 40MΩ
- Diode test

Features

- Auto/ Manual ranging
- Auto power off
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator

Warranty

2-Year limited warranty

Safety Certifications

CATIII 600V/CATII 1000V
1000V TOV
cELTus 3rd edition
IP 42
6' Drop protection

**True RMS 1000V Digital Multimeter w/ Temperature****DM515** UPC: 053533508185**Functions**

- True RMS
- 1000V AC/DC
- 10A AC/DC
- Resistance: 40MΩ

Features

- Auto/ Manual ranging
- Auto power off
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator
- Rubber boot

Warranty

2-Year limited warranty

Safety Certifications

CATIII 600V/CATII 1000V
1000V TOV
cELTus 3rd edition
IP 42
6' Drop protection

**CATIV 1000V Dual Level Tester****NCV3** UPC: 053533507478**Functions**

- 24V to 1000V AC detection

Features

- Hi/Lo voltage detection
- Visual LED alert
- Audible alert
- Worklight
- Magnetic mount
- Auto power off
- Low battery indication

**Includes**

Batteries 2 (AAA)

Warranty

1-Year limited warranty

Support materials

Manual English: 17224
Data sheet: L377

**NCV3 10 PACK W/ DISPLAY****17483** UPC: 053533508222

NCV3 Point-of-purchase display, holds 10 NCV3 packages. Great tool for impulse buys at the counter.

**Ground Fault Indicator****ERT200** UPC: 05353350759**Functions**

- Test and display wiring conditions of 110V AC outlets
- Designed for GFI outlet with ground fault button (6 to 7mA)
- Rubber over molding for better grip
- cULus listed

**Warranty**

1-Year limited warranty

Electrical Receptacle Testers**ERT100** UPC: 05353350758**Functions**

- Test and display wiring conditions of 110V AC outlets
- Rubber over molding for better grip
- cULus listed

**Warranty**

1-Year limited warranty

TRMS 1000V Wireless Multimeter w/ Power Factor

Industrial Multimeter with Wireless Capabilities and High-end Accuracy

DM525 UPC: 053533508192



Advanced Functionality

The True RMS DM525 is rated to CATIV 600V/CATIII 1000V and offers a full range of functionality, 1000 volts, 20 amps, resistance, diode test, capacitance, continuity and 1 millisecond response fast min/max, temperature and Low Z, which improves accuracy by lessening the chance of incorrect readings from ghost voltages.

Power Factor

For technicians that need to calculate Power Factor the DM525 measures Active, Apparent and Reactive Power or test for low Power Factor on reactive loads, harmonic currents or imaginary power from motor inductance.

Wireless to App

The DMM features a free app available on iOS® and Android™ devices. Once connected, the DMM can graph, log and email results in a variety of formats.

Functions

- 10A/20A AC/DC
- Resistance: 50MΩ
- Diode test
- Audible continuity
- 10A AC/20A DC
- Capacitance: 9999μF
- Temperature range: -49° to 1112°F (-45° to 600°C)
- Frequency: 99.99 kHz

Features

- iOS® or Android™ compatibility
- Free App: 525 DMM
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator
- Rubber boot
- Test lead holders
- Kick stand

Includes

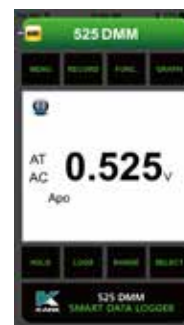
Pouch
Manual
4 Batteries (AA)
Silicone test leads
Alligator clips 3
Thermocouple

Warranty

2-Year limited warranty

Support materials

Manual English: 17490
Manual Spanish: 17505
Manual French: 17506
Data sheet: L455



COMBUSTION ACCESSORIES



Combustion Meters - Accessories

17631	Particle Filter (C Series Analyzers)	. . . . .053533604016
17631PACK	Particle Filter (C Series Analyzers) (10pack)	. . . . .053533606171
D460	Pressure Gauge	. . . . .053533505221
KMCP70	8" Flue Probe 6' Hose (C30(Smartbellplus))	. . . . .053533606065
KMCP72	12" Flue Probe 6' Hose (C20)	. . . . .053533606508



Combustion Analyzers - Accessories & Replacement Parts

13124	Compression Ferrule (C Series Analyzers)	. . . . .053533606409
16646	Thermal Paper for KMIRP2 & IRP2 (2.25"/57mm)	. . . . .053533604207
16646PACK	Thermal Paper for KMIRP2 & IRP2 (2.25"/57mm)(10pack)	. . . . .053533606607
17248	Rechargeable Batteries (AA) – C160 Series Combustion Analyzers	. . . . .053533606898
17631	Particle Filter (C Series Analyzers)	. . . . .053533604016
17631PACK	Particle Filter (C Series Analyzers) (10pack)	. . . . .053533606171
AACA4	AC Adapter/ Charger (C Series Analyzers)	. . . . .053533605303
AJW1	Jump wires (10 pack)	. . . . .053533606850
KMCHP6	High Temperature Flue Probe	. . . . .053533604412
KMCSP6	12 Inch Flue Probe With 15 Foot Hose	. . . . .053533604528
SM50515	C160 Series Water Trap C161, C162, C163, C164	. . . . .053533606911
CFK1	Chemical NOx Filter Kit	. . . . .053533606539
CM11667/2	Water Trap Drain Plug (C Series Analyzers)	. . . . .053533605358
CM11667/2PACK	Water Trap Drain Plug (C Series Analyzers) (10 pack)	. . . . .053533606089
CP2	Flue Probe – C160 Series Combustion Analyzers	. . . . .053533508918
EABT	Wireless Upgrade - Android™ App	. . . . .053533605945
EAGLEUPGRADE	Printer, AC Adapter, K-Type Thermocouples, Tubing	. . . . .053533506167
EAKIT	AC Adapter, K-Type Thermocouples, Tubing	. . . . .053533605648
IRP-2	Easy Load Fast Printer - IR Link (COMBUSTION)	. . . . .053533606911
KMCP2	12" Flue Probe w/ 10' Hose (C Series Analyzers)	. . . . .053533604924
SGAFP	12" Flue Probe w/ 6' Hose	. . . . .053533603910
SM11103	Inlet Tube	. . . . .053533605365
SM11105	Inlet Tube – C160 Series Combustion Analyzers	. . . . .053533606904
SM11827	Water Trap	. . . . .053533606386
SP9	Smoke Pump Test Paper and Chart	. . . . .053533604801
SPT1	Smoke Pump Test Kit	. . . . .053533605198
TDP	True Draft Probe	. . . . .053533606201
WTA	Water Trap Assembly (except C20/C30)	. . . . .053533606263



K905, K945, KANE975 - Accessories & Replacement Parts

16345	Particle Filter (KM Series Particle Filter)	. . . . .053533603064
AF9	Particle Filter (1 Qty) (9006)	. . . . .053533602708
KMCP10	12" Flue Probe w/ 10' Hose (KM940, KM900PLUS, K905, K945)	. . . . .053533604467
WT900/2	Water Trap (Case Mount) (KM940, KM900PLUS, K905, K945)	. . . . .053533605266

Factory Upgrades

10533	NO ₂ Sensor (0 to 1,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	. . . . .053533605846
12933	CO Sensor (0 to 10,000 ppm), H ₂ Comp Factory Install (KM940, KM900PLUS, K905, K945)	. . . . .053533605853
13251	NO Sensor (0 to 5,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	. . . . .053533604184
13910	SO ₂ Sensor (0 to 5,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	. . . . .053533605860
OS12	Sensor, O ₂ KM900+/KM940 (KM940, KM900PLUS, K905, K945)	. . . . .053533604641



K9206 - Accessories & Replacement Parts

10051	Probe Shaft 12" 1000°F (K9206)	. . . . .053533605501
FB1	Chemical Filter Bypass (KM9106/P, K9206)	. . . . .053533604313
KMAF2	Particle Filter with Housing (KM9106/P, K9206)	. . . . .053533604382
K9206BCH	Battery Charger w/ US Lead (K9206)	. . . . .053533606892
SF1	SO ₂ Filter 1Pkg (KM9106/P, K9206)	. . . . .053533604788
SF9	Chemical (Sulfur) Filter (K9206)	. . . . .053533602777
SM10617	Flue Probe Handle and Tubing (KM9106/P, K9206)	. . . . .053533605518
WN8	Water Trap Filter (for WTS9106) (K9206, KM9106/P)	. . . . .053533604818

Factory Upgrades

KC01/Q	CO Sensor (K9206)	. . . . .053533606638
KHC/Q	HC105 Sensor Module (K9206)	. . . . .053533606706
KHSA/Q	Heated Sensor Assembly (K9206)	. . . . .053533606737
KMNO2/Q	NO ₂ Sensor Module (KM9106/P)	. . . . .053533604580
KMSO2/Q	SO ₂ Sensor Module (KM9106/P)	. . . . .053533604955
KNO1H/Q	NO Sensor High Range (K9206)	. . . . .053533606652
KNO1L/Q	NO Sensor Low Range (K9206)	. . . . .053533606645
OS11	Oxygen Sensor (KM9106/P, K9206)	. . . . .053533604634

METERS & TESTERS



ACCESSORIES



Meters

PSMR1	Phase Seq Motor Rotation Meter	053533505085
TACH2	Digital Tachometer	053533507010

Clips, Adapters & Leads

ACF1	Female Adapter Cord (HA1)	053533600766
ACS1	Velcro Pipe Straps.	053533600780
ALS2	Line Splitter for use With Clamp Meters and DMMs	053533506297
AMH1	Magnetic Hanger Straps.	053533606843
ART1	Reflective Tape for TACH2	053533660090
ATL190	TEST LEAD, FOR CLM100	053533603828
ATLCAP	ATL55/ATL57 CAP (SET OF TWO).	053533507553

Leak & Pressure

ATHA1	Gas Valve Thermo-couple Adapter	053533600964
ASP1	Magnetic Static Pressure Tip	053533606133
BF100	Gas Valve Pressure Adapter (EM201B)	053533603811
BF102	Gas Valve Pressure Adapter (EM152)	053533602166
RLD15SENS	Replacement Sensor (RLD15)	053533606119
RLDLS	Leak Test Vial (RLD15)	053533606096
RLDSENS	Replacement Sensor (RLD10)	053533603729
RLDTF	TIP FILTERS (5 PACK) (RLD15)	053533606102
RS1000	Replacement Sensor (CD100A/CD200)	053533603354
RS1010	Sensor Cap (CD100A/CD200)	053533603378
TF100	Stepped "T" Fitting	053533606775

Fuses

AF2	Fuse, 0.15A, 0.2 Ohm, (3 QTY)	053533600568
AF3	Fuse, 0.5A, 0.5 Ohm, (3 QTY)	053533600599
AF5	Fuse, 0.25A, 2.0 Ohm, (3 QTY)	053533600641
AF10	Fuse, 0.6A, 0.5 Ohm, (3 QTY)	053533600520
AF21	Fuse, 1.0A, 0.2 Ohm, 250V (3 QTY)	053533602135
AF23	Fuse, 1.0A, 690V, for DMEG3 and IRT3	053533606249
AF38	Fuse, 440mA, 1000V, (1 QTY)	053533605174
AF39	Fuse, 11A, 1000V, (1 QTY)	053533605181
AF45	Fuse, 0.3A, 1.3 Ohm, (3 QTY)	053533600636
AF113	Fuse, 15A, 600V, (1 PKG)	053533602203
AF120	Fuse, 5A, 600V, (3 QTY)	053533602241
AF125	Fuse, 10A, 600V, (3 QTY).	053533602258
AF145	Fuse, 0.5A, 240V, (3 PKG)	053533602951
AF155	Fuse, 0.5A, 660V, 6x32 mm, (3 QTY)	053533603781
AF160	Fuse, 12 1/2A, 250V, (3 QTY)	053533603798
AF161	600mA/100V DM525 Fuse	053533508751

Refrigeration

AORK1	WPP1 O Ring Kit	053533508390
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Carrying Cases




















AC12	Test Lead Kit Carrying Case	053533606522
AC73	Soft Carrying Case (12 inch x 15 inch x 3.5 inch)	053533605273
AC319	Soft Carrying Case (7.5 inch x 5.5 inch x 2.5 inch)	053533603958
AC419	Scale Carrying Case	053533508185
AC504	Hard Carrying Case (10 inch x 13.75 inch x 3.5 inch).	053533602814
AC509	C Series Red Carrying Case	053533605723
AC519	Soft Carrying Case (13 inch x 6 inch x 2.75 inch)	053533603965
AC520	Combustion Kit Soft Carrying Case (18 Inch x 5 Inch x 4.5 Inch).	053533606874

Batteries




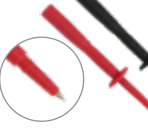








AB13	A76VP button Battery (2 PKG)	053533600049
AB15	THL2 Battery.	053533606881



Temperature Probes

				
ATT6 05353360155 J-Type 4' Standard with oven clip	ATT19 053533603699 Temperature Probe, J-Type Oven Clip	ATT26 05353360123 J-Type liquid probe	ATT27 05353360124 J-Type bead probe	ATT29 05353360126 K-Type fiberglass coated probe
				
ATT29A 05353360222 K-Type fluoroplastic coated probe	ATT29APACK 05353360639 K-Type fluoroplastic coated probe (10 pack)	ATT30 05353360129 J-Type 8" Liquid probe	ATT36 05353360132 K-Type 8" Surface probe w/ handle	ATT39 05353360596 K-Type probe w/ wire wrap handle
				
ATT55A 053533603989 Thermistor probe, liquid	ATT56A 053533603996 Thermistor probe, air	ATT62 053533602272 Thermistor probe, sealed 15 ft.	ATT70 05353360334 K-Type to input jack adapter	ATT71 05353360334 K-Type to input jack temperature probe
				
ATT100 05353360235 K-Type 6" liquid probe	ATTEXT 05353360612 K-Type 10' extension	ATTPC3 05353360694 K-Type pipe clamp adapter (clamp style)	ATTPC4 05353350840 K-Type Pipe Clamp Probe (grip style)	

Test Leads

					
AAC 05353360075 Alligator Clips, Slip-On	AAC3 05353360386 Alligator Clips, Screw-On	ATLTX 05353360647 Modular Test Lead Extension Wire	ATL1 05353360641 Modular Lead Tips-Standard (ATLTX Required)	ATL2 05353360642 Modular Lead Tips-Alligator (ATLTX Required)	ATL3 05353360643 Modular Lead Tips-Grabber (ATLTX Required)
					
ATL5 05353360645 Modular Lead Tips-Back Probe (ATLTX Required)	ATL6 05353360646 Modular Lead Tips-Piercing (ATLTX Required)	ATL55 05353360204 Test Leads (Standard)	ATL57 05353360662 Silicone Test Leads	ATL301KIT 05353360571 Test Lead Kit	ATLBPk 05353360649 Back Probe Test Lead Kit

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