



Combustion Analyzer Comparison



Residential
Commercial
Industrial

PART #	C20	C30	C85	C155	C157	C255	C257	K905	K945	K9206
Max CO Level	2,000 ppm	2,000 ppm	1,000 ppm	4,000 ppm	4,000 ppm	10,000 ppm	10,000 ppm	10,000 ppm	10,000 ppm	10,000 ppm
Flue Temp Max		1112°F	1112°F	2400°F	2400°F	1112°F	1112°F	2200°F	2200°F	2140°F
Pre Programmed Fuels										
Natural Gas	•	•	•	•	•	•	•	•	•	•
Propane	•	•	•	•	•	•	•	•	•	•
Light Oil	•	•	•	•	•	•	•	•	•	•
Wood (pellets)	•	•	•	•	•	•	•	•	•	•
Butane	•		•			•	•	•	•	•
LPG	•	•						•	•	•
Heavy Oil	•					•	•	•	•	•
Bio Fuel	•			•	•	•	•			
Coke						•	•	•	•	•
User Selected 1						•	•	•	•	•
User Selected 2						•	•		•	
Kinsale Gas								•	•	•
Gascor								•	•	•
Town Gas								•	•	•
Anthracite								•	•	•
Coal								•	•	•
Natural Gas 2								•		•
User Selected 3										•
User Selected 4										•
User Selected 5										•
Measures/Features										
CO2 = EOS (Electro-Optical Sensor)								Calculated	Calculated	Calculated
O2		Calculated	Calculated	Calculated	Calculated	Calculated	Calculated	•	•	•
CO	•	•	•	•	•	•	•	•	•	•
Temperature (Flue)		•	•	•	•	•	•	•	•	•
Pressure (differential)				•	•	•	•	•	•	Pressure
Ambient CO				•	•	•	•	•	•	•
NO (Lo-range)				Option	•	Option	•	Option	Option	Option
NO (Hi-range)								Option	Option	Option
CO (H2Comp)						•	•	Option	Option	•
CO (Hi-range)								Option	Option	Option
SO2 (Lo-range)								Option	Option	Option
SO2 (Hi-range)								Option	Option	Option
N02								Option	Option	Option
H2S										Option
Warranty	5-Year limited	5-Year limited	5-Year limited	5-Year limited	5-Year limited	5-Year limited	5-Year limited	1-Year limited	1-Year limited	1-Year limited

Indicates analyzers that have installed Carbon Dioxide Electro-Optical Sensor Technology.

EOS Long Life Combustion Analyzer

C85 UPC: 05353350721

UEi now brings our exclusive EOS CO₂ measurement technology to our residential portable combustion analyzer. The C85 also features a long life CO sensor helping to reduce cost of ownership. The C85 makes combustion analysis as easy as turn the power on, select the fuel and go!



Functions

- Measures CO₂, CO, Flue temperature
- Calculates: O₂, efficiency, excess air, CO air free

Features

- Unique DMM style rotary selector
- Magnetic boot
- Real time clock
- CO readings to 1 ppm
- Large 2 line backlit display
- Infrared printer port
- User programmable header
- 20 memory position

Warranty

5-Year limited warranty (includes sensors)

Support materials

Manual: 17093

Data sheet: L366



Analyzer	C85 Options	
	C85	C85KIT
UEI Part Number		
Kit Type	A. Analyzer Only	B. Combustion Kit
UPC Code	05353350721	05353350722
Combustion Analyzer	X	X
12" Flue Probe w/ 10" Hose	X	X
Inlet tube/Probe connector	X	X
Owners Manual	X	X
Soft Carrying Case	X	X
AC Adapter		X
Particle Filter (spare)		X
Infrared Thermal Printer		X
Paper Roll (spare)		X

EOS Long Life Combustion Analyzer

C155 UPC: 05353350585

The C155 Combustion & System Analyzer eliminates the number one hassle experienced by HVAC contractor; the cost and down time of replacing the O2 sensor. This new technology for combustion analysis replaces the everyday electro-chemical O2 sensor with the EOS Technology™ CO2 sensor; lowering the cost of ownership.



Functions

- Measures CO2, CO, Ambient CO, Differential temperature, Differential pressure
- Calculates: O2, Gross efficiency, Excess air, CO air free
- Combustion Test
- Pressure (differential)
- Temperature (differential)
- CO Room Test
- Heat Exchange Integrity Test
- Manometer Start-up Mode

Features

- Worklight
- 4 line backlit LCD display
- 179 memory positions
- User customizable parameters view
- Individual report printouts
- Unique DMM style rotary selector
- Protective boot with integral magnet
- Real time clock

Warranty

5-Year limited warranty (includes sensors)

Support materials

Manual: 18323
Data sheet: L320



Analyzer	C155 Kit Options				C157 Kit Options			
	C155	C155KIT	C155BTKIT	C155OILKIT	C157	C157KIT	C157BTKIT	C157OILKIT
UEI Part Number								
Kit Type	A. Analyzer Only	B. Combustion Kit	B. Combustion Kit	C. Oil Service Kit	A. Analyzer Only	B. Combustion Kit	B. Combustion Kit	C. Oil Service Kit
UPC Code	05353350585	05353350587	05353350683	05353350589	05353350586	05353350588	05353350771	05353350590
Combustion Analyzer	X	X	X	X	X	X	X	X
12" Flue Probe w/ 10' Hose	X	X	X	X	X	X	X	X
Inlet tube/Probe connector	X	X	X	X	X	X	X	X
Particle Filter (spare)		X	X	X		X	X	X
AC Adapter	X	X	X	X	X	X	X	X
K-type Temperature Probes (2)		X	X	X		X	X	X
Owners Manual		X	X	X		X	X	X
Hard Carrying Case	X	X	X	X	X	X	X	X
Infrared Thermal Printer		X		X		X		X
Paper Roll (spare)		X	X	X		X	X	X
Training DVD		X	X	X		X	X	X
Smoke Pump Tester				X				X
NOx Sensor pre-installed					X	X	X	X
Installed Bluetooth Module			X				X	

EOS Industrial Combustion Analyzer

C255 UPC: 05353350724

The C255 is an Industrial Combustion Analyzer equipped with a high range hydrogen compensated CO sensor and an Electro-optical CO2 sensor. The H2 compensated CO sensor is specially designed to eliminate the effects of hydrogen cross sensitivity to ensure improved accuracy of the CO readings.



Functions

- Measures CO2, Extended range CO, Ambient CO, Differential temperature, Differential pressure
- Calculates: O2, Gross efficiency, Excess air, CO air free

Features

- Electro optical CO2 sensor technology
- No oxygen sensor replacement
- The first Industrial EOS technology analyzer
- Worklight
- 4 line backlit LCD display
- 179 memory positions
- User customizable parameters view
- Individual report printouts

Warranty

5-Year limited warranty (includes sensors)

Support materials

Manual: 17092

Data sheet: L367



Analyzer	C255 Options		C257 Options	
	C255	C255KIT	C257	C257KIT
UEI Part Number				
Kit Type	A. Analyzer only	B. Combustion kit	A. Analyzer only	B. Combustion kit
UPC Code	05353350724	05353350725	05353350726	05353350727
Combustion Analyzer	X	X	X	X
12" Flue Probe w/ 10' Hose	X	X	X	X
Inlet tube/Probe connector	X		X	
AC Adapter		X		X
K-type Temperature Probes (2)		X		X
Owners Manual	X	X	X	X
Hard Carrying Case	X	X	X	X
Particle Filter (spare)		X		X
Infrared Thermal Printer		X		X
Paper Roll (spare)		X		X
Training DVD		X		X
NOx Sensor pre-installed			X	X

EOS Combustion Set Up Meter

C20 UPC: 05353350621

Functions

- Measures CO, CO2

Features

- Real time analysis
- EOS technology CO2 sensor
- Direct CO2 measurements
- No O2 sensor replacement
- 10 year life expectancy

Includes

- Combustion Meter (C20)
- 12" Flue Probe 6' Hose (KMCP72)
- Protective boot w/ magnet (SBOOT)
- Soft Carrying Case (AC73)
- Owners Manual



EOS Combustion Set Up Meter Kit

C20KIT UPC: 05353350630

Includes

- Combustion Meter (C20)
- Electronic Manometer (EM152)
- 12" Flue Probe 6' Hose (KMCP72)
- Protective boot w/ magnet (SBOOT)
- Pressure tubing
- Soft Carrying Case (AC73)
- Owners Manual



Combustion Analyzer

C50 UPC: 05353350491

Functions

- Measures O2, Flue temperature
- Calculates: CO2, Gross efficiency, Excess air

Features

- Unique DMM style rotary selector
- Protective boot with integral magnet
- Real time clock
- CO readings to 1 ppm
- Large 2 line backlit display

Includes

- Combustion Analyzer (C50)
- 12" Flue Probe w/ 10' Hose (KMCP2)
- Hard Carrying Case (AC509)
- Inlet Tube/Probe Connector (SM11103)
- Particle Filter (17631)



Combustion Analyzer Oil Service Kit

C50/OILKIT UPC: 05353350521

Includes

- Combustion Analyzer (C50)
- 12" Flue Probe w/ 10' Hose (KMCP2)
- Smoke Pump Tester (SPT1)
- Pressure Gauge (D460)
- Hard Carrying Case (AC509)
- Inlet Tube/Probe Connector (SM11103)
- Particle Filter (17631)
- Owners Manual
- AC Adapter (AACA4)



Industrial Combustion Analyzer (O2/CO) w/Wireless Handset

K9206 UPC: 05353350729

K9206 is a versatile heavy-duty industrial combustion analyzer. Users can select from pre-defined sensor combinations or customize an order by fitting any combination of up to seven additional sensors. The K9206 is built to test combustion systems over 10,000 MBTU/h with high concentration gas levels for extended durations.



Functions

- Measures: O2, CO, Inlet temperature, Flue temperature, Differential pressure / draft
- Calculates: Efficiency, Carbon dioxide (CO2), Net temperature differential, Losses, Excess air, CO/CO2 ratio, Poison index

Features

- Customizable sensor configurations with up to 7 sensors
- Wireless handset to base or PC
- 24 parameter display
- On board plain paper printer
- Heated manifold to prevent condensation
- Automatic fresh air purge
- Rugged case



Includes

- Analyzer
- Probe
- Charger
- Manual
- Calibration report
- Carrying case

Warranty

- 1-Year limited warranty



K9206 Sensor Options							
UEI Part Number	K9206	K9206C2	K9206C3	K9206C4	K9206C5	K9206C6	K9206C7
UPC	05353350729	05353350730	05353350731	05353350732	05353350733	05353350734	05353350735
O2 Sensor	X	X	X	X	X	X	X
CO Sensor	X	X	X	X	X	X	X
Pressure	X	X	X	X	X	X	X
Temperature	X	X	X	X	X	X	X
NO		X	X	X		X	X
NO2		X		X			X
SO2			X	X			X
HC/CO%/CO2					X	X	X

Industrial Flue Gas Analyzer

K945 UPC: 05353350761



Functions

- Measures: O2 (0 to 21%), CO (0 to 4,000 ppm hydrogen compensated), Differential pressure, Temperature - inlet/flue gas/differential
- Calculates: CO2, CO/CO2 ratio, Excess air, Combustion efficiency
- Choice of 2 additional sensors

Includes

Analyzer
Probe
Charger
Manual
Carrying case

Features

- 8 parameter backlit display
- High suction double headed pump
- IR printer link with customized printer head
- Logs and stores 150 test results
- 16.5" flouroplastic lined flue probe
- Long life battery
- Large character display
- Fuel types: Natural gas, butane, propane, LPG, 28 sec oil, 35 sec oil, heavy fuel, solid fuel, user fuel

Warranty

1-Year limited warranty

K945 Sensor Options						
UEI Part #	K945	K945CON	K945CONOX	K945CONS	K945CO%	K945COS
UPC	05353350761	05353350766	05353350767	05353350768	05353350769	05353350770
O2 Sensor	X	X	X	X	X	X
CO Sensor	X	X	X	X	X	X
Pressure	X	X	X	X	X	X
Temperature	X	X	X	X	X	X
NO		X	X	X		
NO2			X			
SO2				X		X
CO (High Concentration)					X	

Commercial Gas Analyzer

K905 UPC: 05353350760



Functions

- Measures O2 (0 to 21%), CO (0 to 4,000 ppm hydrogen compensated)
- Differential pressure
- Temperature - inlet/flue gas/differential
- Calculates CO2

Features

- 4 parameter backlit display
- IR printer link with customized printer head
- Logs and stores 150 test results
- 16.5" flouroplastic lined flue probe
- Long life battery

Includes

Analyzer
Probe
Charger
Manual
Carrying case

Warranty

1-Year limited warranty

K905 Sensor Options					
UEI Part Number	K905	K905CON	K905CONOX	K905CONS	K905COS
UPC	05353350760	05353350762	05353350763	05353350764	05353350765
O2 Sensor	X	X	X	X	X
CO Sensor	X	X	X	X	X
Pressure	X	X	X	X	X
Temperature	X	X	X	X	X
NO		X	X	X	
NO2			X		
SO2				X	X

Turn Your Mobile Device Into A Carbon Monoxide Detector

Carbon Monoxide Detector Adapter

COA1 UPC: 05353350752

Compatible with most iOS® and Android™ platforms

The COA1 turns your compatible smart phone into a CO detector that reads to 999 ppm with 1 ppm resolution. The App has an initial zero reading feature.

Visual alerts of CO levels

The COA1 App shows 3 color coded visual warning levels on the display. This provides the user with quick and easy to see warnings.

Free App

The COCHECKER App allows graphing, logging and email capabilities to share, report or store test results. It also provides users Hold, Max and Record features along with customizable alert threshold levels.

Functions

- CO reading direct on your smart device
- Reads up to 999 ppm CO
- Detects CO to 1 ppm

Features

- Use with compatible iPhone® or Android™ smart phones
- Free App displays 3 visual danger levels
- App allows logging and emailing capabilities

Includes

- COA1 Adapter
- Free App "COCHECKER"

Warranty

1-Year limited warranty

Support materials

- Manual: Available in App
- Data sheet: L382
- Sell sheet: L383



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: L338



Long Life CO Analyzer

C095 UPC: 05353350695

Functions

Measures: CO, Flue temperature

Features

- Long-life (5-Year) CO sensor
- Measure ambient CO levels
- Measure CO concentration in flue gas
- CO Max capture
- CO accurate to $\pm 5\%$ of reading

Includes

- CO Detector (C095)
- 12" Flue Probe w/ 6' Hose (SGAFP)
- K-type temperature probe (ATT100)
- Soft Carrying Case (AC73)

Warranty

5-Year limited warranty



Long Life CO Analyzer Kit

C095KIT UPC: 05353350696

Includes

- CO Detector (C095)
- Infrared Thermal Printer (IRP2)
- 12" Flue Probe w/ 6' Hose (SGAFP)
- K-Type temperature probe (ATT100)
- Soft Carrying Case (AC73)
- Particle filter (17631)
- Paper roll (16646)
- Owners Manual
- AC Adapter (AAC4)



Carbon Monoxide Bump Gas

COBG UPC: 05353360654

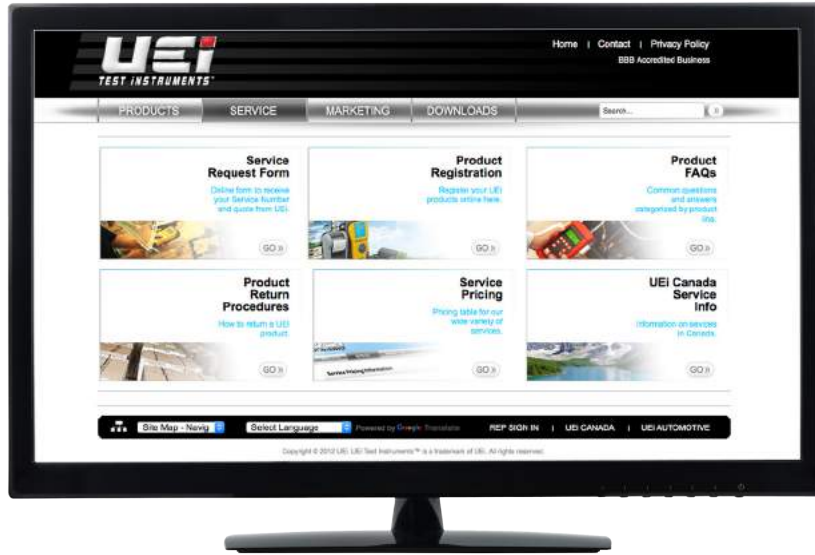
Features

- 30+ Bumps per cylinder
- For use with single gas carbon monoxide monitors
- 3-month shelf life

Warranty

1-Year limited warranty





Annual Recertification Pricing Program for Residential / Commercial Analyzers

PART#	C20	C25 Smart Bell	C30 Smart Bell Plus	C095 ¹	C50 ²	C75	C85	C125	C127 ³	C155	C157 ³	C255	C257 ³
YEAR 1	99.95	74.95	99.95	99.95	99.95	99.95	99.95	99.95	119.95	99.95	119.95	99.95	119.95
YEAR 2	99.95	74.95	99.95	99.95	194.95	299.95	99.95	299.95	419.95	99.95	119.95	99.95	119.95
YEAR 3	99.95	74.95	99.95	99.95	99.95	99.95	99.95	99.95	119.95	99.95	119.95	99.95	119.95
YEAR 4	99.95	74.95	99.95	99.95	194.95	299.95	99.95	299.95	419.95	99.95	119.95	99.95	119.95
YEAR 5	194.95	194.95	194.95	194.95	99.95	99.95	299.95	99.95	119.95	299.95	419.95	329.95	449.95
TOTAL	594.75	494.75	594.75	594.75	689.75	899.75	699.75	899.75	1199.75	699.75	899.75	729.75	929.75

¹ C095 does not require a replacement O2 sensor. ² C50 does not require a replacement CO sensor. ³ C127, C157, C257 Requires NO sensor replacement.

Pricing for US only

Recertification includes either sensor calibration or replacement as needed PLUS:

- ✓ Full system 30-point inspection with replacement of any worn or failed parts.*
- ✓ Firmware and/or software upgrades as needed.
- ✓ Certificate of calibration provided for record keeping.
- ✓ Recertification work report to document work completed.
- ✓ Units returned cleaned "like-new" with paid return freight.

UEi Recertification Advantages

- ✓ Recertified by factory trained professionals.
- ✓ Eliminates legal liability of self-installed sensors.
- ✓ Fast turn-around with east and west coast recertification locations.
- ✓ Save time with online recertification check-in.
- ✓ Up front pricing means NO surprises.
- ✓ Recertification services are warranted for one year.

Industrial Analyzer Recertification:

For recertification pricing on K9206, KM9106, K945, K905, KM900PLUS and KM900 call or visit us online to get pricing on the specific sensor combination in your unit.



NIST Certification Now Available

Call for more info or visit us online
WWW.UEITEST.COM/SERVICE

* Recertification and warranty service does not cover parts damaged by misuse or negligence. Pricing is subject to change at any time without notice. For current service pricing visit: www.ueitest.com/service/service-pricing. For service information on all other UEI products call us at 1-800-547-5740.

COMBUSTION ACCESSORIES



Combustion Meters - Accessories

17631	Particle Filter (C Series Analyzers)	05353360401
17631PACK	Particle Filter (C Series Analyzers) (10pack)	05353360617
D460	Pressure Gauge	05353350522
KMCP70	8" Flue Probe 6' Hose (C30(Smartbellplus))	05353360606
KMCP72	12" Flue Probe 6' Hose (C20)	05353360650
SB00T	Protective Boot (C20/C30(Smartbellplus))	05353360607
SBWT	Water Trap (C20/C30(Smartbellplus))	05353360627
SBWTP	Water Trap Plug (C20/C30(Smartbellplus))	05353360659



Combustion Analyzers - Accessories & Replacement Parts

13124	Compression Ferrule (C Series Analyzers)	05353360640
16646	Thermal Paper for KMIRP2 & IRP2 (2.25"/57mm)	05353360420
16646PACK	Thermal Paper for KMIRP2 & IRP2 (2.25"/57mm)(10pack)	05353360660
AACA4	AC Adapter/Charger (C Series Analyzers)	05353360530
CFK1	Chemical Filter Kit	05353360653
CM11667/2	Water Trap Drain Plug (C Series Analyzers)	05353360535
CM11667/2PACK	Water Trap Drain Plug (C Series Analyzers) (10 pack)	05353360608
EABT	Bluetooth Upgrade - Android™ App	05353360594
EAGLEUPGRADE	Printer, AC Adapter, K-Type Thermocouples, Tubing	05353350616
EAKIT	Printer, AC Adapter, K-Type Thermocouples, Tubing	05353360564
IRP-2	Easy Load Fast Printer - IR Link (COMBUSTION)	05353360691
KMCP2	12" Flue Probe w/ 10' Hose (C Series Analyzers)	05353360492
SGAFP	12" Flue Probe w/6' Hose (C095)	05353360391
SM11103	Inlet Tube	05353360583
SM11827	Water Trap	05353360638
SPT1	Smoke Pump Test Kit	05353360519
WTA	Water Trap Assembly (except C20/C30)	05353360626



K905, K945 - Accessories & Replacement Parts

16345	Particle Filter (KM Series Particle Filter)	05353360306
16486	Battery (KM940/KM900PLUS)	05353360419
AF9	Particle Filter (1 Qty) (KM940/KM900PLUS)	05353360270
KMCP10	12" Flue Probe w/ 10' Hose (KM940, KM900PLUS, K905, K945)	05353360446
KMCSP6	12" Flue Probe with 15' Hose (KM940, KM900PLUS, K905, K945)	05353360452
KMCU900/110	Charger, Power Adapter (KM940/KM900PLUS)	05353360455
WT900/2	Water Trap (Case Mount) (KM940, KM900PLUS, K905, K945)	05353360526



Factory Upgrades

10533	NO2 Sensor (0 to 1,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	05353360584
12933	CO Sensor (0 to 10,000 ppm), H2 Comp Factory Install (KM940, KM900PLUS, K905, K945)	05353360585
13251	NO Sensor (0 to 5,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	05353360418
13910	SO2 Sensor (0 to 5,000 ppm) Factory Install (KM940, KM900PLUS, K905, K945)	05353360586
OS12	Sensor, O2 KM900+/KM940 (KM940, KM900PLUS, K905, K945)	05353360464

K9206 - Accessories & Replacement Parts

10051	Probe Shaft 12" 1000°F (K9206)	05353360550
15588	Probe Shaft 36" 1000°F (KM9106/P, K9206)	05353360590
15589	High Temp. Probe Shaft 12" 2000°F (KM9106/P, K9206)	05353360616
15590	High Temp. Probe Shaft 36" 2000°F (KM9106/P, K9206)	05353360591
FB1	Chemical Filter Bypass (KM9106/P, K9206)	05353360431
KHL/Q	Heated Line (K9206)	05353360675
KHSA/Q	Heated Sensor Assembly (K9206)	05353360673
KHP/Q	Optional Heated Probe (K9206)	05353360676
KMAF2	Particle Filter with Housing (KM9106/P, K9206)	05353360438
K9206BCH	Battery Charger w/ US Lead (K9206)	05353360689
SF1	SO2 Filter 1Pkg (KM9106/P, K9206)	05353360478
SF9	Chemical (Sulfur) Filter (K9206)	05353360277
SM10617	Flue Probe Handle and Tubing (KM9106/P, K9206)	05353360551
SM11858	Case Assembly (KM9106/P, K9206)	05353360690
WN8	Water Trap Filter (for WTS9106) (K9206, KM9106/P)	05353360481
WTS9106	Industrial Water Trap (KM9106/P, K9206)	05353360487



Factory Upgrades

KC01/Q	CO Sensor (K9206)	05353360663
KHC/Q	HC105 Sensor Module (K9206)	05353360670
KHSA/Q	Heated Sensor Assembly (K9206)	05353360673
KN01H/Q	NO Sensor High Range (K9206)	05353360665
KN01L/Q	NO Sensor Low Range (K9206)	05353360664
OS11	Oxygen Sensor (KM9106/P, K9206)	05353360463

Digital Clamp-on Meters



Part #	DL429	DL389	DL479	DL469	DL419
True RMS	•	•	•	•	•
AC Volts	600mV to 750V	400mV to 750V	600mV to 750V	400mV to 750V	400mV to 1000V
DC Volts	600mV to 1000V	400mV to 1000V	600mV to 600V	400mV to 600V	400mV to 1000V
AC Current (Amps)	60A to 600A	40A to 400A	60A to 600A	40A to 400A	40A to 1000A
DC Low Amps	600µA to 2000µA	400µA to 2000µA	600µA to 2000µA	400µA to 2000µA	
Resistance (Ohms)	600Ω to 60MΩ	400Ω to 40MΩ	600Ω to 60MΩ	400Ω to 40MΩ	400Ω to 40MΩ
Continuity	•	•	•	•	•
Diode	•	•	•	•	•
NCV (LED & Audible)	•	•	•	•	•
Min	•	•	•	•	•
Max	•	•	•	•	•
Hold	•	•	•	•	•
Ranging	Auto/Man	Auto/Man	Auto/Man	Auto/Man	Auto/Man
Display Count	6,000	4,000	6,000	4,000	4,000
Clamp Work Light	•	•	•	•	
Low Battery Indicator	•	•	•	•	•
Battery Type	2 (AAA)	2 (AAA)	2 (AAA)	2 (AAA)	2 (AAA)
Auto Power Off	•	•	•	•	•
Duty Cycle	•	•	•		•
Capacitance (Farads)	60nF to 2000µF	40nF to 4000µF	60nF to 2000µF		40nF to 2000µF
Frequency (Hertz)	99.99Hz to 99.99kHz	9.999Hz to 199.99kHz	99.99Hz to 9.999kHz		
Temperature	-22° to 752°F (-30° to 400°C)	-22° to 752°F (-30° to 400°C)	14° to 752°F (-10° to 400°C)		
Backlight	•	•	•		•
Magnetic Mount	•	•	•		•
Dual Display	•	•			
Detachable Clamp Head	•	•			
Temperature Differential	•				
LRA Inrush	•				•
Wireless to App	•				
iOS® and Android™ Compatible App	•				
DC Current (Amps)					40A to 1000A
Rel/DC Zero					•
Bar graph					•
Safety - CAT IV	CATIII 600V	CATIII 600V/ CATII 1000V	CATIV 600V/ CATIII 1000V	CATIII 1000V	CATIV 600V/ CATIII 1000V
Warranty	2-Year limited	3-Year limited	2-Year limited	2-Year Limited	2-Year limited

iOS® and Android™ are property of their respective owners.

AC 600A True RMS HVAC/R Clamp Meter

DL479 UPC: 53533507447



Functions

- True RMS
- 600A AC
- 750V AC/600V DC
- Resistance 60M Ω
- Capacitance 2000 μ F
- Temperature 14° to 752°F (-10° to 400°C)
- DC microamps 2000 μ A
- Frequency/Duty cycle
- Diode test
- Non-contact voltage detection
- Audible continuity

Features

- Data hold
- Min/Max (25 ms fast capture)
- Manual ranging option
- Back light
- Worklight
- Audible voltage indicator
- Low battery indicator

Includes

Test leads CATIV 600V/CATIII 1000V (ATL55)
Alligator clips (AAC3)
Thermocouple temperature probe (ATT71)
Zippered pouch
Batteries 2 (AAA)
Manual

Warranty

2-Year limited warranty

Safety Certifications

cETLus 3rd Edition
CATIV 600V/CATIII 1000V
IEC 61010-1, 61010-2-032, 61010-2-033
CSA C22.2, NO. 61010-1, 61010-2-032,
61010-2-033
RoHS Compliant
CE Conformity

Support materials

Manual English: 17211
Manual Spanish: 17212
Manual French: 17213
Data sheet: L384
Sell sheet: L385



AC 400A True RMS Clamp Meter

DL469 UPC: 5353350748



Functions

- True RMS
- 400A AC
- 750V AC/600V DC
- Resistance 40M Ω
- DC microamps 2000 μ A
- Diode test
- Non-contact voltage detection
- Audible continuity

Features

- Data hold
- Manual ranging option
- Worklight
- Audible voltage indicator
- Auto power off
- Low battery indicator
- Over molded grip
- Test lead storage

Includes

Test leads CATIV 600V/CATIII 1000V (ATL55)
Alligator clips (AAC3)
Zippered pouch
Batteries 2 (AAA)
Manual

Warranty

2-Year limited warranty

Safety Certifications

cETLus 3rd Edition
CATIII 1000V
IEC 61010-1, 61010-2-032, 61010-2-033
CSA C22.2, NO. 61010-1, 61010-2-032,
61010-2-033
RoHS Compliant
CE Conformity

Support materials

Manual English: 17207
Manual Spanish: 17208
Manual French: 17209
Data sheet: L384
Sell sheet: L385



True RMS Wireless HVAC Clamp w/ Δ T

DL429 UPC: 05353350716

UEI's DL429 is a fully equipped True RMS clamp meter featuring dual temperature, LRA inrush, removable head, AC amps, AC/DC volts, resistance, capacitance and a dual backlit display. The DL429 also has built-in wireless capability allowing remote meter control, log and view readings, graph trends and email results using an iOS® or Android™ App.

Functions

- True RMS
- 600A AC
- DC microamps 0.1~2000 μ A
- 1000V DC
- 750V AC
- Resistance
- Capacitance
- Differential Temperature -22° to 752°F (-30° to 400°C)
- LRA Inrush measurement
- Frequency
- Duty Cycle

Features

- Wireless capability
- iOS® and Android™ compatible App
- Input jack lockout
- Low battery lockout
- Visible high-voltage alert
- Direct function button access
- Dual display
- Magnetic mount
- Min/Max/Hold
- Backlit display
- Worklight

Includes

- Silicon Test leads 2 (ATL57)
- Alligator clips 2 (AAC3)
- Batteries 6 (AAA)
- Thermocouples 2 (ATT29)
- Zippered case
- Manual
- Free App "UEI Wireless"

Warranty

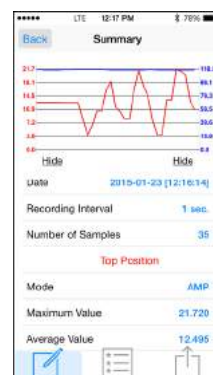
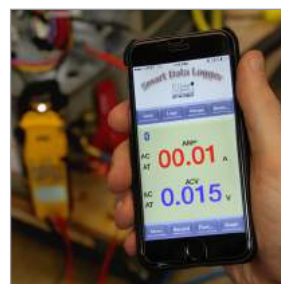
2-Year limited warranty

Safety Certifications

cULus Listed
IEC 61010 2nd Edition
CATIII 600V
RoHS

Support materials

Manual English: 10097
Manual Spanish: 10098
Manual French: 10099
Data sheet: L369



iOS® and Android™ are property of their respective owners.

True RMS Clamp Meter

DL389 UPC: 05353350575

Functions

- True RMS
- Capacitance 4000µF
- AC/DC Current 2000µA
- AC Current (Clamp) 400A
- Non-Contact Voltage 24 to 600V AC
- Volts 750V AC/1000V DC
- Resistance 40MΩ
- Frequency/Duty Cycle
- Continuity
- Diode Check
- Min/Max

Features

- Dual display
- Detachable clamp head
- Input jack lock
- Worklight
- Low battery display lock
- High contrast backlit display
- Magnetic mount
- User temperature calibration
- Test lead storage
- Test lead holder on clamp head
- Auto power off

Includes

- Test leads CATIV 600V/CATIII 1000V (ATL55)
- Alligator clips (AAC3)
- K-Type temp. probe (ATT29)
- Batteries (AA)
- Manual
- Zippered Pouch

Warranty

3-Year limited warranty

Safety standards

cULus Listed
IEC 61010 2nd Edition
CATIII 600V / CATII 1000V
3-Year limited warranty



AC/DC 1000A True RMS Clamp Meter

DL419 UPC: 05353350715

Functions

- True RMS
- 1000A AC/DC
- 1000V AC/DC
- Continuity
- Capacitance
- Frequency
- Diode test

- Min/Max
- Relative/DC A Zero mode
- High contrast backlit display
- Auto/Manual ranging
- Magnetic mount
- Bargraph
- Auto power off

Warranty

2-Year limited warranty

Safety standards

cULus Listed
CATIV 600V
2-Year limited warranty

Features

- True RMS
- LRA Inrush current measurement
- Data hold

Includes

- Silicon Test leads 2 (ATL57)
- Alligator clips (AAC3)
- Batteries 2 (AAA)
- Zippered case
- Manual

Support materials

- Manual: 10093
- Data sheet: L368



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



Clamp Meter w/ Pipe Clamp Probe

DL489COMBO UPC: 05353350757

Includes

- DL489 Clamp Meter
- ATTPC3 Pipe clamp adapter
- Test leads
- K-Type temp. probe
- Batteries
- Manual
- Zippered Pouch



Digital Multimeter

DM393 UPC: 05353350471

Functions

- True RMS
- 1000V AC/DC
- 10A AC/DC
- Capacitance seals 40.00nF to 100.0µF
- Frequency 10Mhz
- Resistance
- Diode test
- Continuity
- Temperature: -40° to 2372°F (-40° to 1300°C)

Features

- All ranges protected to CATIII 1000V
- 0.5% basic DC accuracy
- Auto ranging
- Access to battery & fuses w/out breaking calibration
- Data hold
- Relative mode

Warranty

5-Year limited warranty

Includes

- Test leads w/ Alligator clips (ATL55)
- Battery (9V)
- Fuses (AF38, AF39)
- K-Type temperature probe (ATT71)

Safety standards

cULus Listed
CATIII 1000V
CE Conformity
Complies w/CSA C22.2 No1010.1-92



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 (-50° to 303°C)
- 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° (-40 to 15°C)
- 2°F/1°C per division
- 2" Dial with 3" mounting flange
- 48" Nickel plated capillary
- Color-coded scales
- NSF listed

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
- NSF listed

Warranty

1-Year limited warranty



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

30:1 Infrared Thermometer w/K-Type Input

INF225 UPC: 05353370137

Functions

- Temp range -76° to 1400°F (-60° to 760°C)
- 30:1 Distance to spot ratio
- Thermocouple input

Features

- True Spot dual laser targeting
- Max/Min/Avg/Diff
- Backlit display
- Auto power off

- Hi/Lo alarm
- Auto-scan

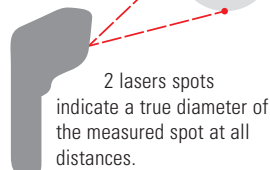
Includes

- Protective boot
- Thermocouple
- Case
- Batteries 2 (AAA)
- Manual

Warranty

3-Year limited warranty

True Spot Dual Lasers



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



Dual Input K-Type Thermometer

DTK2 UPC: 05353370136

Functions

- Dual input with differential (T1 - T2)
- Temp range -328° to 2498°F (-200° to 1370°C)
- Min/Max capture (T1 & T2)

Features

- Auto power
- Data hold
- °C/°F select function
- Magnetic mount
- Large LCD screen with dual readings

Warranty

3-Year limited warranty

Includes

- K-Type bead probes 2 (ATT29A)
- Battery (9V)
- Manual
- Pouch

Support material

- Manual: 17018
- Data sheet: L363



Dual Input K-Type Thermometer Kit

DTK2KIT UPC: 05353350699

Includes

- Differential thermometer (DTK2)
- K-Type bead probes 2 (ATT29A)
- K-Type Clamp Probes 2 (ATT3C3)
- Battery (9V)
- Instruction manual
- Carrying Pouch



New 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
- Fixed emissivity (0.95)
- Auto power off

Includes

- 2 (AAA) Batteries
- Carrying case
- Manual

Warranty

1-Year limited warranty

Safety standards

Danger - Class III Laser Product
CE Conformity

Support materials

Manual: 17300
Data sheet: L394
Sell sheet: L395

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. Again 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
- 2 (AAA) Batteries
- Carrying case
- Manual

Safety standards

Danger - Class IIIa Laser Product
CE Conformity

Warranty

1-Year limited warranty

Support materials

- Manual: 17303
- Data sheet: L396
- Sell sheet: L397



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
- 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
- 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

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: 05353350266

Features

- Measures temperature, Relative Humidity
- Comfort zone indicator
- Displays Relative Humidity and temperature at the same time
- Min/Max record
- Data hold

Warranty

1-Year limited warranty

Includes

Batteries 2 (AAA)
Manual



Digital In-Duct Mini Vane Anemometer

DAFM4 UPC: 05353350687



Functions

- Air Velocity 99 to 3937 ft/s (0.3 to 35 m/s)
- Temperature -4° to 140°F (-20° to 60°C)
- Relative Humidity 0.1 to 99.9%
- Dew Point
- Wet Bulb -4° to 158°F (-20° to 70°C)
- Air volume (CFM, CMM)

Features

- In-duct or grill surface measurements
- 0.7" diameter vane head with 39" long telescopic & scale marked probe
- Mini vane probe with built-in temperature & RH sensor
- Up to 1 hour accumulative average
- Display Min/Max value
- Data hold
- Auto power off selectable
- Fast, accurate response

Includes

0.7" diameter vane with 39" telescopic & scale marked probe
Battery (9V)

Warranty

3-Year limited warranty

Safety Certifications

CE Conformity

Support materials

Manual: 17022
Data sheet: L365



Digital Anemometer

DAFM3B UPC: 05353350718



Functions

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

Features

- Up to 1 hour accumulative average
- Hand-held 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

Warranty

3-Year limited warranty

Safety Certifications

CE Conformity

Support materials

Manual: 17132
Data Sheet: Online

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

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

Includes

Batteries (AA)
Manual
Carrying Case

Warranty

3-Year limited warranty

Support materials

Manual: CD200-MAN
Data sheet: L530



Refrigerant Leak Detector

RLD15B UPC: 05353350743

Functions

- Detects industry standard refrigerants: HFC, CHFC & CFC:
R-134A, R-410A, R-404A, R-407C & R-507
(R-134A, R-410A sensitivity ≥ 0.05 oz/yr)
- Hydrocarbon Blends: HC-12a®, OZ-12a®

Features

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

- Automatic calibration & ambient level reset
- Splash resistant
- Worklight

Includes

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

Warranty

2-Year limited warranty

Safety standards

CE Conformity
J2791 Certified
EN 14624 Certified

Support materials

Manual English: 17023
Manual Spanish: 17024
Manual French: 17053
Data sheet: L400



Refrigerant Leak Detector

RLD10 UPC: 05353350393

Functions

- Sensitive to .5 oz 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" Long goose neck probe
- Colored LED leak indication

Includes

Battery (9V)
Manual

Warranty

1-Year limited warranty

Support materials

Manual English: RLD10-MAN
Manual French: Online
Data sheet: L351



Dual Differential Digital Manometer

EM152 UPC: 05353335074

Functions

- Range of -60 to +60 inH2O
- Differential pressure

Features

- Measures in 11 scales; inH2O, psi, bar, mBar, kPa, inHG, mmHG, ozin, FtH2O, cmH2O and kg/cm.
- 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

Warranty

1-Year limited warranty

Support materials

Manual English: 17240
Manual Spanish: 17240
Manual French: 17240
Data sheet: L398
Sell sheet: L399



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: L319



Static Pressure Kit

EM201SPKIT UPC: 05353350623

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" Pressure tube

Warranty

3-Year limited warranty



Static Pressure Accessory Kit

SPA1 UPC: 05353360651

Includes

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

Warranty

1-Year limited warranty



Superheat/Subcool Meter

SSM1 UPC: 05353350601

Features

- Pressure 0 to 500 psi
- Temperature -40° to 400°F (-40° to 204°C)
- Superheat and Subcool Calculations
- Refrigerants: R22, R134a, R404a, R410a
- Scale: psi, kPa, Kg/cm2, InHg and cmHg
- Selectable temp scale: F° and °C

Includes

Pipe Clamp Temperature Probe (ATTPC2)
"T" fitting: allows refrigerant to be added or removed with the SSM1 connected
Battery (9V)
Manual

Warranty

3-Year limited warranty



Hermetic Compressor Analyzer

HA1 UPC: 05353350075

Features

- 3 Ranges of 250 VAC starting capacitors between 88-301 MFD
- Dual voltage operation of 120/240 VAC
- Indicates continuity and ground faults in motor windings with LED lights
- Reversing motor action (Free locked rotors)
- Convenient breakout jacks

Includes

Adapter Cord (ACF1)
Manual

Warranty

1-Year limited warranty



USA ONLY

Digital Refrigerant Analyzer

Digital Refrigerant System Analyzer

AK940

UPC: 05353350746



4-Valve Internal manifold

The AK940 is a digital refrigerant system analyzer with a 4-valve manifold allowing for a diverse and efficient workflow.

Complete Kit "ready to go"

It comes ready-to-test as a "complete kit", including 3 60" three-layer charging hoses, 2 thermistor temperature clamps and 2 R410A adapters. You won't find a more comprehensive accessory package included with the manifold. See the true value of the AK940 by adding comparable accessories to cost of competing refrigeration manifolds.

12-Parameter Display

The AK940 has a 12-parameter backlit display. Built specifically to show all testing results at once, including a relative bar graph. No competing manifold has as much information on-screen at one time, and is backed by a 1-year limited warranty.

Functions

- Low and High side pressure
- Vapor and Liquid saturation
- Low and High side temperatures
- Superheat
- Subcool
- Pressure differential
- Temperature differential
- Test duration

Features

- Digital manifold with 4 valves
- 12 parameter backlit display
- Min/Max
- Reads in psi, kPa, bar, MPa, InHg
- Bargraph (relative)
- Zero to recalibrate
- 64 refrigerant options
- Selectable °F or °C
- Over molded grip
- Thermistor temperature ports

Includes

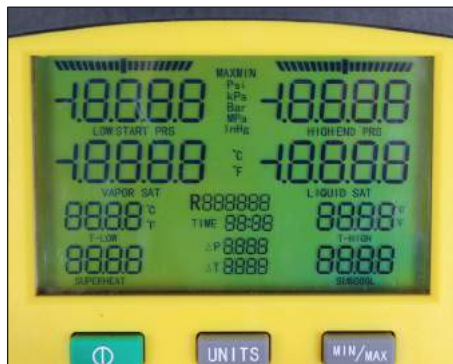
- 60" 3-layer hoses; 1/4" (1 blue, 1 yellow, 1 red)
- Temperature clamps (2)
- R410a adapters (2)
- Carrying case
- Manual
- 9V Battery (1)

Warranty

1-Year limited warranty

Support materials

- Manual English: 17226
- Manual Spanish: 17263
- Manual French: 17262
- Data sheet: L380
- Sell sheet: L381



Tough, Accurate and Smart.

Smart Wireless Refrigeration Scales

WRS110 UPC: 05353350758

WRS220 UPC: 05353350757



High Quality

UEi's Smart Wireless Refrigeration Scales all offer uncompromising accuracy with repeatable resolution anywhere on the measuring platform down to 0.1 ounce. The battery life offers the unprecedented performance needed for today's wirelessly connected equipment.

Smart Technology

The WRS110 and WRS220 display readings on a smart device only, eliminating the hassle of dealing with a wired remote. Both scales use a free iOS® and Android™ App, which offer a user programmable alarm and selectable measuring units between English and Metric. These scales also offer techs an extended wireless range to help reduce dropped connections.

Real-World Toughness

The striking and strong body design makes this a very durable, compact and lightweight scale rugged enough to get the job done in rain, shine, snow and can even be stored without a case.



A.



B.

Functions

- **A.** WRS110 Capacity 110 pounds (50 Kg) Raw Metallic finish
- **B.** WRS220 Capacity 220 pounds (100 Kg) Color finish
- Requires compatible mobile device and free iOS® or Android™ App to display readings
- High accuracy, resolution and repeatability
- Wireless range: 65 ft (20m)
- Programmable alarm
- Selectable units: English or Metric
- Large size scale platform
- Lightweight, compact and durable frame
- Overload protection: Min 150% max load
- No-slip platform surface

Includes

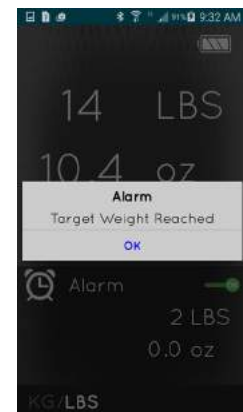
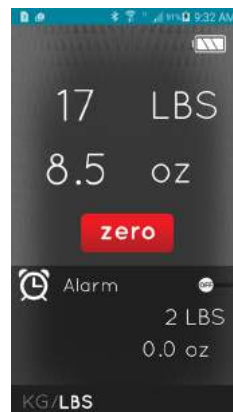
Manual QR Code: Downloadable PDF
Free App QR Code: Downloadable iOS® and Android™ versions.
9V Battery (1)

Warranty

1-Year limited warranty

Release Date

January, 2017



Digital Micron Gauge

DMG100 UPC: 05353350626

Functions

- Vacuum range 0 to 25,000 Microns
- 1 Micron resolution at +/-5% accuracy

Features

- High pressure indication
- Sleep Mode
- Auto power off
- Oil contamination sensor
- Selectable Units

- Analog level bargraph
- Calibration test mode
- User Calibration

Includes

Battery (9V)
Swivel hook
45° Brass adapter
Manual

Warranty

1-Year limited warranty

Support materials

Manual: Online
Data sheet: L351



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 65Ω

Features

- Measures copper and aluminum cables; covers the 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



Digital Insulation Resistance Tester

DMEG3 UPC: 05353350516

Functions

- 600V AC measurement
- Auto-ranging insulation resistance up to 2000Ω
- Three test voltage ranges (250, 500, 1000V DC)
- 200mA short circuit continuity
- Precision resistance 0.01
- Precision low resistance test leads
- Automatic post-test cable discharge

Features

- Large digital display

- Live circuit warning light
- Fuse protected
- Audible continuity
- Green LED power-on indicator
- Rugged compact case
- Maintains rated voltage on cables

Includes

Test leads (ATL55)
Fuse (AF23)
Batteries 8 (AA)
Manual

Warranty

3-Year limited warranty

Safety standards

IEC-1010 CATIII

Support materials

Manual: DMG/IRT3-MAN
Data sheet: L342



Analog Insulation Resistance Tester

IRT3 UPC: 05353350515

Functions

- 600V AC
- Insulation resistance 0 to 400MΩ
- Three test-volt ranges (250V, 500V, 100V DC)

Features

- Large high contrast display
- Fuse protected
- Precision, low resistance test leads (1000 Volt CAT III rated)

- Maintains rated voltage on cables with up to 1mA leak-rate
- Automatic, post-test cable discharge

Includes

Test leads (ATL55)
Fuse (AF23)
Batteries 8 (AA)

Warranty

3-Year limited warranty

Safety standards

IEC-1010 CATIII

Support materials

Manual: DMG/IRT3-MAN
Data sheet: L342



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 L342



USA ONLY

Digital Tachometer

TACH2 UPC: 05353350701

Functions

- Selectable velocity units for contact measurements
- Data hold
- Auto power off
- Low battery indicator

Warranty

1-Year limited warranty

Support materials:

Manual 10068
Data sheet: Online



CATIV 1000V Dual Level NCV Tester

Non-Contact Voltage Tester

NCV3 UPC: 05353350747

Independent CATIV safety rating to 1000V

The NCV3 is safety rated to the latest edition of CATIV 1000V through ETL, which is the highest rating in the industry for a non-contact voltage detector.

Bright LED work light and magnet

The NCV3 features a bright LED work light to safely illuminate dark work spaces. It also features a magnet, allowing users to attach the tester to metal surfaces for hands-free work while lighting the work space.

Hi-Lo 24V to 1000V audible and visual indicator

The NCV3 detects high and low voltage with both a sharp audible alert and bright LED visual flashing sequences.

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
Manual

Warranty

1-Year limited warranty

Safety standards

cETLus 3rd Edition
CATIV 1000V

Support materials

- Manual: 17224
- Data sheet: L377



Ground Fault Indicator

ERT200 UPC: 05353350759

Functions

- Instant testing of 110V AC outlets
- Designed for GFI outlets with ground fault button (6 to 7mA)
- Rubber molding for better grip
- cETLus Listed

Warranty

1-Year limited warranty



Electrical Receptical Testers

ERT100 UPC: 05353350758

Functions

- Instant testing of 110V AC outlets
- Rubber molding for better grip
- cETLus Listed

Warranty

1-Year limited warranty



Digital Clamp Meter w/Temperature

UTL291 UPC: 05353350713

Functions

- 600V AC/DC
- 600A AC
- Resistance
- Capacitance
- Non-contact voltage
- Diode test
- Continuity
- Temperature

Features

- Data hold
- Auto/manual ranging
- Backlit display
- Worklight
- Auto power off

Includes

Test leads
Soft Carrying Case
Batteries 3 (AAA)
Manual

Warranty

1-Year limited warranty

Safety standards

CE Conformity
ETL Listed
CATIII 600V

Support materials

Manual English: 10078
Manual Spanish: 10079
Manual French: 10080



Digital Clamp Meter

UTL261 UPC: 05353350712

Functions

- 600V AC/DC
- 200A AC
- Resistance
- Continuity
- Non-contact voltage
- Diode test

Features

- Data hold
- Auto/manual ranging
- Backlit display
- Max capture
- Worklight

Includes

Test leads
Soft carrying case
Batteries 3 (AAA)
Manual

Warranty

1-Year limited warranty

Safety standards

CE Conformity
ETL Listed
CATIII 600V

Support materials

Manual English: 10074
Manual Spanish: 10075
Manual French: 10076



Auto Ranging Digital Multimeter

UTLDM2 UPC: 05353350709

Functions

- 600V AC/DC
- 10A AC/DC
- Resistance
- Continuity
- Frequency
- Capacitance
- Duty cycle
- Diode test
- Temperature

Features

- Auto ranging
- Backlit display
- Data hold

Includes

Test leads
Thermocouple
Battery (9V)
Manual

Warranty

1-Year limited warranty

Safety standards

CE Conformity
ETL Listed
CATIII 600V

Support materials

Manual English: 17049
Manual Spanish: 10071
Manual French: 10072



Manual Ranging Digital Multimeter

UTLDM1 UPC: 05353350708

Functions

- 600V AC/DC
- 10A DC
- Resistance
- Continuity
- Diode test
- Battery test
- Temperature

Features

- Manual ranging
- Data hold

Includes

Test leads

Warranty

1-Year limited warranty

Safety standards

CE Conformity
ETL Listed
CATIII 600V

Support materials

Manual English: 17048
Manual Spanish: 10069
Manual French: 10070



Combustible Leak Detector

UTLCD1 UPC: 05353350692

Functions

- Detects Natural gas, LPG, coal gas, and general combustible gas

Features

- Audible and visual alarm
- Self inspection test
- Auto power off

Includes

Batteries 2 (AAA)
Manual

Warranty

1-Year limited warranty

Safety standards

CE Conformity

Support materials

Manual English: 17000
Manual Spanish: 17002
Manual French: 17001



Carbon Monoxide Detector

UTLC11 UPC: 05353350700

Functions

- Detects CO from 0 to 999ppm

Features

- Auto zero
- Auto calibration
- Long life electrochemical sensor
- High repeatability
- Reduced influence by interference gases
- Auto power off after 15 minutes

Includes

Detector
Batteries
Manual

Warranty

1-Year limited warranty

Support materials

Manual: 10066



10:1 Infrared Thermometer

UTLIR2 UPC: 05353370133

Functions

- 10:1 Distance to spot ratio
- Temp. range -36.4° to 689°F (-38° to 365°C)
- 0.95 Fixed emissivity

Features

- 10:1 Distance to spot ratio
- Precision laser targeting
- Real time max readings
- Backlit display
- Auto power off

Includes

Test leads
Thermocouple
Battery (9V)
Manual

Warranty

1-Year limited warranty

Support materials

Manual English: 10087
Manual Spanish: 10085
Manual French: 10086



8:1 Infrared Thermometer

UTLIR1 UPC: 05353370132

Features

- 8:1 spot ratio
- -36.4° to 689°F (-38° to 365°C)
- Laser targeting
- Backlit display
- Real time Max
- Auto power off

Warranty

1-Year limited warranty



Digital Multimeter w/ Temperature

UTL33T UPC: 05353350453

Features

- 600V AC/DC
- 10A AC
- Resistance
- Continuity
- Temperature
- Data hold
- Protective boot

Warranty

1-Year limited warranty



USA ONLY

Accessories: Clips & Adapters

- | | | | | |
|---|--|--|---|--|
| | | | | |
| ACF1
05353360076
Female Adapter Cord (HA1) | ACS1
05353360078
Velcro Pipe Straps | ASP1
05353360613
Magnetic Static Pressure Tip | ATHA1
05353360096
Gas Valve Thermocouple Adapter | TF100
05353360677
Stepped "T" Fitting |

Accessories: Temperature Probes

- | | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| ATT6
05353360155
4' Standard with oven clip | ATT19
05353360369
J-Type oven clip probe | 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" liquid probe w/ handle | ATT39
05353360596
K-Type probe w/ wire wrap handle | ATT50
05353360150
K-Type liquid probe | ATT70
05353360334
K-Type to input jack adapter |
| | | | | | |
| ATT71
05353360334
K-Type to input jack temperature probe | ATTEXT
05353360612
K-Type 10' extension | ATTPC
05353360570
K-Type pipe clamp adapter (wrap style) | ATTPC3
05353360694
K-Type pipe clamp adapter (clamp style) | ATT100
05353360235
K-Type 6" liquid probe | |

Accessories: Leak & Pressure

- | | | | | | | |
|--|---|---|---|---|---|---|
| | | | | | | |
| BF100
05353360381
Gas Valve Pressure Adapter (EM201B) | BF102
05353360216
Gas Valve Pressure Adapter (EM152) | RLD15SENS
05353360611
Replacement Sensor (RLD15) | RLDLs
05353360609
Leak Test Vial (RLD15) | RLDSENS
05353360372
Replacement Sensor (RLD10) | RS1000
05353360335
Replacement Sensor (CD100A/CD200) | RS1010
05353360337
Sensor Cap (CD100A/CD200) |

Accessories: 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*	ATL2 05353360642 Modular Lead Tips- Alligator*	ATL3 05353360643 Modular Lead Tips- Grabber Tip*
					
ATL5 05353360645 Modular Lead Tips- Back Probe*	ATL6 05353360646 Modular Lead Tips- Piercing*	ATL55 05353360204 Test Leads (Standard)	ATL57 05353360662 Silicone Test Leads	ATL301KIT 05353360571 Test Lead Kit	ATLBPBK 05353360649 Back Probe Test Lead Kit

Accessories: Fuses

					
AF10 05353360052 Fuse, 0.6A, 0.5 Ohm, (3 QTY)	AF113 05353360220 Fuse, 15A, 600V, (1 PKG)	AF120 05353360224 Fuse, 5A, 600V, (3 QTY)	AF125 05353360225 Fuse, 10A, 600V, (3 QTY)	AF145 05353360295 Fuse, 0.5A, 240V, (3 PKG)	AF155 05353360378 Fuse, 0.5A, 660V, 6x32 mm, (3 QTY)
					
AF160 05353360379 Fuse, 12 1/2A, 250V, (3 QTY)	AF2 05353360056 Fuse, 0.15A, 0.2 Ohm, (3 QTY)	AF21 05353360213 Fuse, 1.0A, 0.20HM, 250V (3 QTY)	AF23 05353360624 Fuse, 1.0A, 690V, for DMEG3 and IRT3	AF3 05353360059 Fuse, 0.5A, 0.5 Ohm, (3 QTY)	AF38 05353360517 Fuse, 440mA, 1000V, (1 QTY)
					
AF39 05353360518 Fuse, 11A, 1000V, (1 QTY)	AF45 05353360063 Fuse, 0.3A, 1.3 Ohm, (3 QTY)	AF5 05353360064 Fuse, 0.25A, 2.0 Ohm, (3 QTY)			

Accessories: Carrying Cases

					
AC12 05353360652 Test lead kit pouch	AC319 05353360395 Soft carrying case (10"x 6"x 2.75")	AC504 05353360281 Hard carrying case (10"x 13.75"x 3.5")	AC509 05353360572 C series red carrying case	AC519 05353360396 Soft carrying case (13"x 6"x 2.75")	AC73 05353360527 Soft carrying case (12"x 15"x 3.5")

Accessories: Batteries

	
AB13 05353360004 A76VP Button Battery (2 PKG)	AB15 05353360688 THL2 Battery

*ATLTX Required for use.

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ISO/IEC 17025:2005

NIST Certification



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Recertification Center

ISO/IEC 17025:2005

NIST Certification

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