

## Test Instruments

### Air Flow Meter - Digital



- Measures: Air velocity, temperature and relative humidity
- Calculates: Wet bulb, dew point and air volume (CFM, CMM), 8 point average for air velocity and 30 second average for air volume
- Features: Large LCD digital display, up to 1 hour accumulative average, professional remote vane, English / Metric scales, low battery indication, auto power off, hand held size, protective twist cap for temp/humidity sensor
- Includes: Hard carrying case, 9V battery and manual
- 1 year limited warranty

Function	Specification	Accuracy	Resolution	Brand	Part Number
Air Velocity	99-3937 ft/min (0.5-20m/s)	±3% or reading + 39ft/min (0.2m/s)	0.1ft/min (0.1m/s)	UEI	DAFM3B
Temperature	-4 to 140F (-20 to 60C)	±1.1F (±0.6C)	0.1F (0.1C)		
Relative Humidity	0 to 100% RH	±3% RH	0.1% RH		
Wet Bulb	-4 to 158F (-20 to 70C)	-	0.1F (0.1C)		
Air Volume	0 to 99999 CFM (m <sup>3</sup> /s)	-	0.1 (0-9999.9) or 1 (10000-99999)		

### Carbon Monoxide Detector



- Monitors, records and alerts you to the presence of dangerous carbon monoxide in ambient air. The visual display constantly indicates precise quantities while the audible and visual alarms respond to various threshold levels.
- Tri-color LED indicates concentration at 3 levels complying with residential and work place standards (2-9, 10-34 & 35+ ppm)
- Audible alert, long sensor life & backlit display
- MAX/CAPTURE continually updates highest CO reading
- Auto zero activates upon turn-on
- Includes: Holster & 9V Battery
- 3 year limited warranty



CO Detection Range	Audible Alert	Resolution	Brand	Part Number
0 to 999 ppm	Triggers above 35 ppm	1 ppm	UEI	CO71A

### Carbon Monoxide Detector Adapter



- Monitor CO on smartphone's and UEI Clamp Meters. Use with compatible iPhone or Android smartphones
- Detects CO to 1 ppm, reads up to 999 ppm CO
- Free app displays 3 visual danger levels
- App allows logging and emailing capabilities
- Compatible with select UEI clamp meters: DL429, DL389, DL379B, DL379
- Clamp meter use requires clamp head adapter **CHA1** (not included)
- CHA1 available with a COA1 online product registration
- 1 year limited warranty

Range	Resolution	Accuracy	Ambient Temperature	Brand	Part Number
0-999 ppm	1 ppm	±(3% of reading + 1 ppm)	32° to 104°F (0° to 40°C)	UEI	COA1

# Test Instruments

## Carbon Monoxide Alarm



- Alerts of increased CO levels in the home
- Electrochemical Carbon Monoxide Sensor is the most accurate sensor available
- Silence/test feature allow you to mute unwanted alarms immediately and also test alarm functions
- Front access battery door
- End of Life Timer lets you know when alarm needs to be replaced
- 2 AA Batteries included (9V battery for CO5120BNA)
- Loud 85 decibel alarm
- 5 Year Warranty

Description	Brand	Part Number
2 AA Battery powered, no installation required	First Alert	CO400A
Plug-in with 2 AA battery backup		CO605A
Hard wired 120V with 9V battery backup, Photoelectric & Electrochemical Sensor		CO5120BNA

## Combination Carbon Monoxide/Smoke Alarm



- Combination smoke and CO alarm
- Intelligent sensing technology to reduce nuisance alarms
- Single button test/silence
- Easy access side load battery drawer
- Gasketless base and a mounting bracket keep the alarm secure over a wide rotation range to allow for true alignment
- Can be interconnected with up to 18 devices, of which 12 can be smoke alarms. The remaining 6 can be combination units and or RM4 relays.
- Quick connect wiring harness
- LED indicator lights
- Loud 85 decibel alarm

Description	Brand	Part Number
Hard wired 120V with 9V battery backup	First Alert	SC9120BA

## Multi-Gas Alarm - Carbon Monoxide, Propane & Natural/Methane



- 3-way protection: Carbon Monoxide, Propane & Natural/Methane Gas
- Backlit LED digital display
- Plugs into any standard outlet w/ line cord, no additional mounting
- Electrochemical Carbon Monoxide Sensor
- EZ access battery door (front access)
- Audible End of Life Timer & Mute Button
- Low Battery Alarm & Silence: Low battery signal for up to 8 hours
- 9V Battery backup included
- 5 Year Warranty

Dimensions	Operating Voltage	Temperature Range	Humidity	Audio Alarm	Brand	Part Number
8.56"H x 3.17"W x 7"L	120 VAC w/battery back-up	4°C - 37°C	10% to 95% RH	85dB at 10ft	First Alert	GC016CNA

# Test Instruments

## Combustion Set-Up Meter & Kit



C20



- Real time analysis
- EOS Technology Sensor: Direct CO2 measurements, No sensor replacement, 10 year life expectancy
- Direct CO measurements
- 5 year limited warranty



C20KIT

Includes	Gas Measurement		Brand	Part Number
	Carbon Monoxide	Carbon Dioxide		
CO / CO2 Meter, Flue Probe, Protective Boot with Magnet, Soft Carrying Case	<b>Range:</b> 1-1999 ppm <b>Resolution:</b> 1 ppm <b>Accuracy:</b> ±5ppm<100ppm / ±5%RDG>100ppm	<b>Range:</b> 0-30% <b>Resolution:</b> 0.1% <b>Accuracy:</b> ±0.2% RDG	UEI	<b>C20</b>
CO / CO2 Meter, Pressure Meter (EM151), Flue Probe, Protective Boot with Magnet, Soft Carrying Case, Pressure Tubing, Brass Fitting Valve Adapter	<b>C20KIT Also Measures Pressure up to ± 20 WG with the #EM151 Meter. See Page G101 for Info.</b>		UEI	<b>C20KIT</b>

# Test Instruments

## Combustion Analyzer & Kit



**C75Kit Includes:** C75 combustion analyzer, KMIRP2 infrared thermal printer, flue probe, AACA4 AC adapter, AC75 soft carrying case with protective foam interior, particle filter, thermal printer paper roll & owners guide

- Designed to set & maintain optimum efficiencies for boilers or furnaces
- Measures flue temperature, oxygen, carbon monoxide
- Calculates carbon dioxide, gross/net efficiency, excess air, CO air free
- 20 memory positions
- Unique DMM style rotary selector
- Large 2 line backlit display
- Pre-programmed Fuels: natural gas, light oil, propane, butane & LPG
- 3 year limited warranty on analyzer, 2 year limited warranty on all sensors

Description	CO Range	Brand	Part Number
Analyzer Only	0-1000 ppm	UEI	<b>C75</b>
Analyzer Kit	0-1000 ppm	UEI	<b>C75KIT</b>

## Combustion Analyzer Kits



*No O2 Sensor Replacement  
Direct CO2 Measurements using ESO Technology  
Lowest Cost of Ownership in the Industry*

- **Measures:** Differential flue temperature, carbon dioxide (CO2), flue & ambient carbon monoxide (CO) & differential pressure
- **Calculates:** Oxygen, gross/net efficiency, excess air & CO air free
- **Features:** Worklight, 4 line backlit LCD display, 179 memory positions, user customizable parameters view, individual report printouts, unique DMM style rotary selector, protective boot w/ integral magnet, real time clock, CO readings to 1 ppm, infrared printer port
- **Includes:** C155 Combustion analyzer, infrared thermal printer, flue probe, (2) K-type temperature probes, (2) static pressure hoses, true draft probe, gas pressure probe, AC adapter/charger, hard carrying case, (2) thermal printer rolls, (2) particle filters, inlet tube/probe connector, batteries, quick start manual and owners guide

Description	CO Range	Brand	Part Number
Combustion Analyzer Kit	0-4000 ppm	UEI	<b>C155KIT</b>
Combustion Analyzer Kit Also includes smoke pump tester, test paper & chart		UEI	<b>C155OILKIT</b>

# Test Instruments

## Digital Clamp-on Multimeter - CATIII / CATIV True RMS



- Applications Include: Motor or line current, control voltage or system board voltage checks, circuit continuity or specified resistance, flame safe guard, quick check of live wires, diode malfunctions/unbroken paths
- Resistance 40MΩ
- DC microamps 2000μA
- Diode test
- Non-contact voltage detection
- Audible Continuity
- 4000 Count display
- Data hold
- Manual ranging option
- Worklight
- Audible voltage indicator
- Auto power off
- Low battery indicator
- Over molded grip
- Test lead storage
- Auto calibration
- Accessories Included: Test leads with alligator clips, zippered pouch & 2 'AAA' batteries
- Two year limited warranty

Amps	Volts	Brand	Part Number
400 AC	750 AC / 600 DC	UEI	DL469

## Digital Clamp-on Multimeter - CATIII / CATII True RMS



- Applications Include: Motor or line current, control voltage or system board voltage checks, circuit continuity or specified resistance, motor run or start faults, ambient or surface temperatures, flame safe guard, variable speed drives & supply power

### Functions

- Resistance 60MΩ
- Capacitance 2000μF
- AC/DC microamps 2000μA
- Diode test
- Audible Continuity
- Dual temperature -328° to 2462°F
- Frequency 99.99kHz
- Duty cycle
- NCV
- LRA inrush

### Features

- Peak hold
- Data hold
- Min/Max
- Manual ranging option
- Worklight
- Backlight
- Auto power off
- Low battery indicator
- Test lead storage
- Magnetic mount
- Input jack locks
- Detachable clamp head

- Accessories Included: Test leads with alligator clips, 2 K-type thermocouples, zippered pouch & 6 'AAA' batteries
- Two year limited warranty

Amps	Volts	Brand	Part Number
600 AC/DC	750 AC / 1000 DC	UEI	DL489



# Test Instruments

## Non-Contact Voltage Tester



- Safely detect high & low voltage
- 24V to 1000V AC detection
- Hi/Lo voltage detection
- Visual LED alert
- Audible alert
- Work light
- Magnetic mount
- Auto power off
- Low battery indication
- 1 year limited warranty
- Includes (2) AA batteries

High Voltage	Low Voltage	Operating Temp Range	Storage Temp Range	Operating Humidity Range	Category Rating	Part Number
48V to 1000V AC	24V to 48V AC	14° to 122°F (-10° to 50°C)	-40° to 140°F (-40° to 60°C)	<80%	CAT IV 1000V	NCV3

Function	On	Low Voltage 24V to 48V	High Voltage 48V to 1000V	Off
Visual Alert	Solid Green LED	Slow-blinking Red LED	Fast-blinking Red LED	None
Audible Alert	Single Beep	Slow Beeps	Fast Beeps	None

# Test Instruments

## Infrared Thermometer



- For frequent use in advanced or specialty application environments, where wide temperature ranges and superior optics are essential for use on targets at greater distances
- 121:1 Distance to Spot Ratio
- MIN/MAX, Differential, Average
- 3 Emissivity levels: (0.30, 0.70, 0.95)
- Hi/Low alarm (user adjustable)
- K-Type Thermocouple input
- Laser Targeting
- Backlit display
- 140 hours of battery life
- Holster
- 3 Year limited warranty
- Includes Carrying Case, 2 (AAA) Batteries, Manual

Measurement Range	Operating Range	Accuracy		Resolution (-9.9° ~ 199.9°F)	Brand	Part Number
		(Tobj= 0 ~ 550°C)	(Tobj= -60 ~ 0°C)			
-76° ~ 1022°F (-60° ~ 550°C)	32° to 122°F (0° to +50°C)	±2% RDG or 2°C (4°F) whichever is greater	((±2°C (4°F) + 0.05°/per degree)	0.1°F / 0.1°C	UEI	<b>INF195</b>
<b>Thermocouple Probe for INF195</b>						
-83.2° to +1999°F (-64° to +1400°C)	-	±1% of reading or 1.8°F(1.0°C) whichever is greater (Test under Tamb==73±6°F)				

## Infrared Thermometer



- 12:1 Distance to spot ratio
- Selectable emissivity (0.70, 0.95)
- Max value capture
- Laser Targeting
- Backlit Display
- Auto Off
- 1/5 V, 14 hour continuous battery life
- 3 Year limited warranty
- Includes Carrying case, 2 (AAA) Batteries, Manual

Measurement Range	Operating Range	Accuracy (Tobj= 0 ~ 365°C)	Resolution (-9.9° ~ 199.9°F)	Brand	Part Number
-36.4 ~ 689°F (-38 ~ 365°C)	32° to 122°F (0° to +50°C)	+/-2.5% of reading or (2.5°C) 4.5°F whichever is greater	0.2°F/0.2°C	UEI	<b>INF165</b>

# Test Instruments

## Leak Detector - Combustible Gas



- Designed to detect leaks in residential and small commercial applications
- Semiconductor sensor responds instantaneously to all combustible gases
- Flashing LED provides visual leak detection
- Tip-light illuminates area of the leak
- 18" gooseneck
- Adjustable audible and visual tick rate
- One hand operation
- Head phone jack
- **Includes:** 9V battery
- 1 year limited warranty

Sensitivity	Sensor	Brand	Part Number
< 50ppm Methane	Solid State Semiconductor	UEI	<b>CD100A</b>
Replacement Combustible Gas Sensor For CD100A / CD200		UEI	<b>RS1000</b>
Replacement Sensor Cap For CD100A / CD200		UEI	<b>RS1010</b>

## Leak Detector - Combustible Gas



- Designed to find combustible gas leaks in tight spaces
- Long, slim gooseneck and a bright LED tip light
- Adjustable alarm, easy one hand operation and impact resistant storage case
- Partial List Of Gases Detected: Acetone, Alcohol, Ammonia, Butane, Steam, Gasoline, Halon, Hydrogen Sulfide, Industrial Solvents, Propane, Lacquer Thinner, Natural Gas (methane), Select Refrigerants, Naptha, Jet Fuel
- Adjustable tick rate & visual leak detection by LED indicators
- Separate user adjustable alarm for predetermined level detection
- Precision sensor detects even the smallest leaks
- Tip-light illuminates search area
- Fast response of less than two seconds to 40% LEL and recovery time of less than four seconds from 40% LEL
- **Includes:** Earphone, hard storage case & 4 "AA" batteries
- 3 year limited warranty

Sensitivity	Sensor	Duty Cycle	Probe	Operating	Level Indicators	Brand	Part Number
< 50ppm Methane	Solid State	Continuous	18"	32-122F (0-50C) 10 to 90% RH	<b>Audible:</b> Adjustable tick with separate adjustable alarm <b>Visual:</b> Six LED's ranging from green to red	UEI	<b>CD200</b>
Replacement Combustible Gas Sensor For CD100A / CD200						UEI	<b>RS1000</b>
Replacement Sensor Cap For CD100A / CD200						UEI	<b>RS1010</b>



## Test Instruments

### Refrigerant Leak Detector - Electronic (Leak-Seeker® II)



- Fully automatic electronic refrigerant leak detector for all HFC, HCFC, CFC, SF6 gasses and blends
- Exclusive POWERSHIFT software automatically monitors, controls and adjusts all critical instrument settings to ensure maximum leak search results
- Bar Graph LED display shows the relative leak size in each of 7 possible ranges starting with highest sensitivity
- Highly resistant to background contaminants including heavy condensation, oils, leak solutions, brake fluid, radiator coolants, washer fluids, etc.
- High output alarm speaker (high and low intensity)
- State of the art E\_MOS™ sensor technology
- Easy one button operation
- Low battery indicator
- 2 year warranty (excluding sensor and battery)

Sensitivity	Power Supply	Battery Life	Probe	Operating Temp.	Brand	Part Number
0.1oz/yr (3g/yr) leak rate of HFC	3 size "C" alkaline batteries	50 hours	15" long	-18 to 60C (0 to 140F)	CPS	LS2

# Test Instruments

## Leak Detection Kit - UV Refrigerant (UVPRO®)



- Applications Include: A/C & Refrigeration or Automotive Systems
- Complete professional grade kit
- Powerful true UVLED lamp technology
- Squeeze Gun™ injection system is quick, easy & clean
- Uses mess free Moonshine™ dye cartridge

Kit Includes	Brand	Part Number
UVPRO LED Flashlight, squeeze gun injector with hose, (1) UV dye cartridge, R-134a 90° low coupler, enhancing safety glasses, UVS2 dye cartridge and carrying case	CPS	UV55

## Prefilled / Disposable Refrigerant Dye Cartridges - Universal (MOONSHINE™)



- **Applications Include: A/C & Refrigeration Systems**
- Universal OEM approved dye formula
- Cleanest, easiest & fastest method of injection
- Eliminates air entering system
- No refrigerant required necessary to inject dye
- Eliminates over injection of dye
- **MOONSHINE™ A/C & R Universal Squeeze Dye Cartridges**
- **Compatible With: Mineral, Ester & Alkyl Benzene Lubricants (Tecumseh Approved)**

System Type	Refrigerant Charge	Refrigerant Oil	Brand	Part Number
<b>Medium</b> Residential Systems	3 to 4.9 lbs 1.4 to 2.2 kg	16 fl oz to 1.6 qt .45 to 1.8 litres	CPS	UVS1
<b>Medium-Large</b> Light Commercial & Large Residential Systems	5 to 9.9 lbs 2.3 to 4.5 kg	1.7 qt. to 3.2 qt 1.9 to 3.7 litres	CPS	UVS2
<b>Large</b> Commercial & Large Industrial, Including Split Systems	10 to 25 lbs 4.6 to 11.4 kg	3.3 qt to 2 gal 3.8 to 9.1 litres	CPS	UVS3

## Magnetic Indicator Key Ring



- For repair and maintenance on Grundfos pumps
- Place the indicator at the motor center. The red and white disc rotates in the same direction as the pump when the motor is running



Description	Brand	Part Number
3.5"x2.25"x0.5"	Grundfos	KI

# Test Instruments

## Pressure Test Kits - Gas



- For accurate setting of manifold pressure
- Natural or LP gases
- Calibrated in inches of water column
- Easy connection to manifold

Measurement Range	Brand	Part Number
0 to 15" WC	Robertshaw	900-106
0 to 35" WC	Robertshaw	900-108

## Pressure - Dual Differential Digital Manometer



### EM152

- Dual input differential measurement up to 80.27 inches of water column within range
- Measures in 11 scales; inH2O, psi, bar, mBar, kPa, inHG, mmHG, ozin, ftH2O, cmH2O and kgcm
- Validates pressures in accordance with equipment manufacturer's specification for optimal system efficiency and safety
- Measure draft, gas supply, manifold, or burner pressure
- Dual input offers users the ability to measure pressure drops across heat exchangers, cooling coils, supply and return registers and filters

### EM201B

- Dual input differential measurement to  $\pm 60$ " wg or  $\pm 100$  mBar
- Provides a convenient method to measure pressure drops
- Dynamic Min/Max can be reset at any time without disconnect from test source or cycling the unit power
- Additional scale of pascals (auto change to hector pascals at 1000 and above)
- Operating Range: 0 to 40C (32 to 104F), 10 to 90% RH

Measurement Range	Brand	Part Number
Range of -60 to +60 inH2O	UEI	EM152
-60" to +60" WG, -100 to +100 mBar	UEI	EM201B

## Pressure - Superheat & Subcool Meter



- **Measures:** Pressure from 0-500 psi / Temperature from -40 to 400F
- **Calculates:** Superheat for low side, subcool for high side (TXV systems)
- **Refrigerants Included for Calculations:** R22, R134a, R404a, R410a
- "T" fitting allows refrigerant to be added or removed with SSM1 connected
- Magnetic mount, backlit display
- Includes: K type pipe clamp adapter, 9V battery and manual

Function	Range	Brand	Part Number
Sensor Resolution	0.1 psi (2kPa, 0.02bars,mmHg)	UEI	SSM1
Sensing Accuracy	0.5% FS $\pm$ 1 least significant digit		
Working Pressure	0-500 psi (3450 kPa, 34.5bars)		
Temp Sensing	-40 to 400F (-40 to 204C)		
Operating Temp	32 to 122F (0-50C)		

## Test Instruments

### Digital Psychrometer



- Measures temperature and relative humidity
- Calculates Wet Bulb, Dew Point, Enthalpy
- Min/Max and Data Hold
- Temperature  $\pm 1.0^{\circ}\text{F} (\pm 0.6^{\circ}\text{C})$
- Response Time 60 seconds typical for stable reading
- Designed for in-duct measurement (4" x 3/8" probe dimensions)
- Magnetic mount for hands-free use
- Probe cover functions as an extension for hard to reach areas

Temperature Range	Relative Humidity	Brand	Part Number
-4 to 122°F (-20 to 50°C)	0 to 99.9% RH%	UEI	DTH35

### Smoke Emitters



1A &amp; 2B



14145 &amp; 14175

- For leakage and function testing of duct work, pipelines, heat exchangers, tanks, exhaust air systems, smoke stacks, chimneys, HEPA filters, draft in fume hoods, negative air pressure, fire drills, placement and testing of smoke alarms, for the study of ventilation and much more
- Produces clean, non-toxic, oil free smoke through chemical reaction
- Economical & practical

Description	Brand	Part Number
45 second, 150 cubic foot (10 Pack)	Diversitech	14145
75 second, 600 cubic foot (10 Pack)	Diversitech	14175
30 second, 4000 cubic foot (sold individually)	CGF	1A
60 second, 8000 cubic foot (sold individually)	CGF	2B

### Solenoid Valve Troubleshooting Magnet



- Designed to manually open solenoid valves by magnetically lifting the stem assembly and plunger. Simply slide the magnet over the valve's enclosing tube and the magnet does the rest.
- Industrial grade magnets incorporated inside a rugged ABS plastic housing
- Ideal tool for trouble shooting & servicing both direct connected or pilot operated 2 way solenoid, 3 way reclaim or 4 way reversing valves

Description	Brand	Part Number
0.75" (18mm) opening fits all common manufactured valves	CPS	TLMKC18

### Sound Level Meter



- Has both A & C weighting, making it perfect for OSHA regulatory & environmental testing, workplace safety design, law enforcement and sound level analysis of engines and machinery
- Select automatic or manual ranging & fast or slow response time
- Features 4 measurement ranges from 40 to 130 dB, 0.1 dB resolution, maximum hold function, Min/Max recording, auto off, user calibration & mounts to a camera tripod for increased stability
- 1 year limited warranty

Specifications	Brand	Part Number
A Weighting: 40 to 130 dB / C Weighting: 45 to 130 dB Electric Condenser Microphone (10mm dia.)	UEI	DSM101



# Test Instruments

## Static Pressure Kit



- Dual input differential measurement to +60 inches water column
- Triple Scale: inches water column (In-WC), mBar, and PSI
- MIN/MAX value capture
- Data hold
- Backlit hold
- Ruggedized, including rubber boot with integral magnet
- Auto power-off
- 40 hour minimum battery life with alkaline battery
- 3 year limited warranty

### Kit includes:

- Dual Input Electronic Manometer (EM201B)
- 2 Magnetic static pressure tips (ASP1)
- 2 Brass valve fitting connector (BF100)
- Soft carrying case (AC319)
- Pressure tubing
- 9V Battery

Measurement Range	Accuracy	Resolution	Operating Range	Brand	Part Number
-60" ~ +60" WC -100 ~ +100 mBar	±0.03" WG < 3" WC ±1% RDG > 3" WC	0.001" -9.999" ~ +9.999" WC 0.01" for < -10" or > +10" WC	32°~104°F (0° - 40°C), 10 ~ 90% RH, non condensing	UEI	EM201SPKIT

### Pressure Conversions

Multiply	By	Equals
In. of H2O	1.868	mmHG
In. of H2O	0.074	In HG
In. of H2O	0.249	kPa
In. of H2O	249.1	Pascals
In. of H2O	2.491	mBar
In. of H2O	0.036	Psi
In of H2O	25.40	mmH2O

# Test Instruments

## Temperature & Humidity - Pen Style



- Measures both temperature and humidity & displays simultaneously
- **Features:** Electronic sensor, min/max record, data hold, auto off
- Includes: Battery
- 1 year limited warranty

Temperature Range	Relative Humidity	Brand	Part Number
-10 to 50C (14 to 122F)	5 to 95%	UEI	<b>DTH10</b>

## Temperature & Humidity USB Data Logger



*Note: Requires computer with Windows™ and a USB interface to operate*

- 16,000 data points (Temperature, Relative Humidity, Dew Point)
- USB interface, analysis software with dew point calculation, charting of results and export to other file formats
- **Features:** Windows™ compatible software, instant or manual start, alarm LED's with user selectable values, magnetic mount, long battery life
- **Includes:** Magnetic mount, software, 3.6V lithium battery & manual

Function	Accuracy	0 to 100%	Brand	Part Number
Relative Humidity	0 to 20 and 80 to 100%	±5.0%	UEI	<b>THL2</b>
	20 to 40 and 60 to 80%	±3.5%		
	40 to 60%	3.0%		
	Overall Range	-40 to 158F (-40 to 70C)		
Temperature	-40 to 14 & 104 to 158F (-40 to -10 & 40 to 70C)	±3.6F (±2C)		
	14 to 104F (-10 to 40C)	±1.8F (±1C)		
Dew Point Temperature	Overall Range	-40 to 158F (-40 to 70C)		
	25C, 40 to 100% RH	±4.0F (±2C)		
Logging Rate	Selectable Sampling Interval: 2 seconds - 24 hours			
Operating Temperature	-31 to 175F (-35 to 80C)			

## Temperature Probe



- 4' standard bead probe, K-type
- For use with: DT200, DT150, DM520, DL297T, DL295, DL250, TA2K, TA1K

Temperature Range	Brand	Part Number
-40 to 510C (-40 to 950F)	UEI	<b>KOFG</b>

## Temperature Probe - Liquid



- 8" heavy duty liquid immersion probe and handle
- For use with: DT200, DT0150, DL289, DL279, DL259, DL250 & TA2K

Temperature Range	Brand	Part Number
-40 to 850C (-40 to 1550F)	UEI	<b>ATT50</b>

## Static Pressure Probe



- For use with: C125, C155, EM151, EM201

Description	Brand	Part Number
Right Angle probe tip	UEI	<b>ASP1</b>



# Test Instruments

## Thermocouple Test Adaptor



Description	Brand	Part Number
Used to make closed circuit tests of thermocouple	Robertshaw	10-038

## Transformer Tester



- Lightweight & portable, the Chek-Mate is fast & dependable
- Simply touch the high voltage spheres to any transformer for results, no extra plates needed
- If the LED fails to light in 3 seconds, replace the existing transformer. If the LED lights the unit is good.

Description	Brand	Part Number
Transformer Tester	Allanson	SC2100

# TEST INSTRUMENT ACCESSORIES

## Alligator Clips



Description	Part Number
Press on type for standard .080" test leads tips	AAC

## Cases For Test Instruments

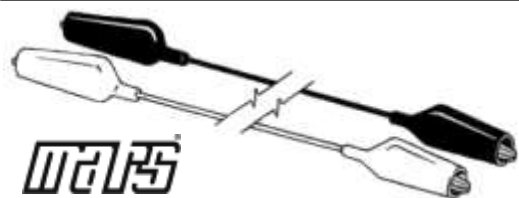


Description	Part Number
Soft Carrying Pouch - Large 5.5" x 10" x 2.5"	AC519
Soft Carrying Case - Medium with customizable instrument dividers, 15" x 12" x 3"	AC73
Hard Carrying Case - Large 16" x 11" x 3.75"	AC506



# Test Instruments

## Test Leads - Alligator Type



- Medium size test leads
- Red & black case colors with boots
- Wire size: 18

Description	Part Number
24" long test leads	86071

## Test Leads



- CATIV Silicone leads for meters with standard 4.0mm input jacks
- UL listed with alligator clips

Works With	Part Number
DL369, DL379COMBO, DL389, DL389COMBO, DL419, DL429, DL469, DL479, DM391, DM397, DMEG3, IRT3, UTL260, UTL33T	ATL57

## Magnetic Jumper - Magjumper™



- Magjumper™ is a magnetic jumper for low voltage troubleshooting
- Stays flexible even in cold weather and is perfect for recessed terminals
- Ideal for use on control boards, zone panels, thermostats, hydronics and automation controllers

Description	Part Number
20" wire with 2 magnetic tips	MAG-1