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AC504	31	C125KIT	15	HEADER	32	UEM1042T	27
AC506	31	C125OILKIT	15	INF165	10	UEM1042ALT	27
AC509	31	C127	15	INF195	10	UEM1061T	27
AC519	31	C127KIT	15	<b>INF225</b>	<b>10</b>	UEM1061ALT	27
AC73	31	C127OILKIT	15	IRT20	24	UEM1062T	27
AC75	31	C155	14	IRT3	24	UEM1091T	27
AF2	31	C155KIT	14	KM9106/P	18	UEM1091ALT	27
AF3	31	C155OILKIT	14	KM900PLUS	19	UEM1092T	27
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AF38	31	C157OILKIT	14	KMCP2	16	UEM2091T	27
AF39	31	CALKIT	16	KMCP10	19	UEM2092T	27
AF45	31	CD100A	22	KMCSP6	18	UEM2161T	27
AF112	31	CD200	22	KMCU110	18	UEM2162T	27
AF113	31	CH3	3	KMCU220	18	UET10	27
AF145	31	CLM100	26	KMCU900/110	19	UET100R	27
AF155	31	CM11667/2	16	KMFG1	18	UET101	27
AF160	31	CM11667/2PACK	16	KMH104/Q	18	UET105	27
AF250	31	CO71A	20	KMIRP2	20	UET10A	27
AF251	31	<b>CO95</b>	<b>20</b>	KMNO1/Q	18	UET111	27
<b>AK900SC</b>	<b>21</b>	<b>CO95KIT</b>	<b>20</b>	KMNO2/Q	18	UET112	27
<b>AK900HC</b>	<b>21</b>	<b>COBG</b>	<b>20</b>	KMPS2/Q	18	UET113	27
<b>AKTS1140</b>	<b>21</b>	D460	16	KMPS4	19	UET114	27
<b>ALS2</b>	<b>25</b>	DAFM3	12	KMSO2/Q	18	UET115	27
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ATL2	30	DISPLAY 2	32	NCV2	25	UET79R	27
ATL3	30	DL235	5	M75A	9	UET175	27
ATL4	30	DL369	3	M110A	9	UET20	27
ATL5	30	DL379	3	MA1	25	UET30	27
ATL6	30	<b>DL379COMBO</b>	<b>4</b>	MCP4	5	UET32	27
ATL55	30	DL379KIT	5	MCP9A	5	UET34	27
ATL55A	30	DL389	3	MM100	26	UTL2002	28
ATL59	30	DL389KIT	5	MW1AK	26	UTL260	28
ATL60	30	<b>DL389COMBO</b>	<b>4</b>	OS11	18	UTL2K	28
ATL85	30	<b>DL49B</b>	<b>5</b>	OS12	19	UTL33T	28
ATL135	30	DLM2	26	PBC	32	UTL7002	28
ATL190	30	DM200	8	PDT550	10	<b>UTLCD1</b>	<b>29</b>
ATL301KIT	30	DM383B	8	PDT650	10	<b>UTLC11</b>	<b>29</b>
ATL501KIT	30	DM384	8	PET1	25	UTLIR1	29
ATLBPK	30	DM391	7	PSMR1	26	UTLIR2	29
ATLFT	30	DM393	7	RE10LG	18	WN8	18
ATLTX	30	DM397	7	RE20LG	18	WN9	18
ATT19	31	DM5B	8	RE5LG	18	WT900/2	19
ATT26	31	DMEG3	24	RF60A	13	WTS9106	18
ATT27	31	DMG100	21	RFT2A	13	WTS9106P	18
ATT29	30	DMG200	21	RLD10	22		
ATT29A	30	DOT2A	13	RLD15	22		
ATT29APACK	30	DP12	18	RLDLS	22		



**DL389**  
**G2PHOENIX: PRO+**

**Functions**

- True- RMS
- Capacitance . . . . . 4000µF
- Microamps (AC/DC) . . . . . 2000µA
- AC Current (Clamp) . . . . . 400A
- Non-Contact Voltage . . . . . 24-600V AC
- Volts . . . . . 750V AC/1000V DC
- Resistance . . . . . 40MΩ
- Frequency/Duty Cycle
- Continuity
- Diode Check
- MIN/MAX
- Temperature (K type) . . . -22° ~ 752°F

**Features**

- Dual display
- Detachable clamp head
- Input jack lock
- Data hold
- Worklight
- Low battery display lock
- Easyview high contrast backlit display
- Magnetic mount
- User temperature calibration
- Test lead storage
- Test lead holder on clamp head
- Auto off
- Compatible with common Industry accessory heads
- **3 Year limited warranty**

**Includes**

- K-Type temperature probe . . . . . ATT29
- Test leads . . . . . ATL59 / ATL55A
- Battery . . . . . (2) AAA
- Manual
- Zippered carrying pouch



**DL379**  
**G2PHOENIX: PRO**

**Functions**

- Capacitance . . . . . 4000µF
- Microamps (AC/DC) . . . . . 2000µA
- AC Current (Clamp) . . . . . 400A
- Non-Contact Voltage . . . . . 24-600V AC
- Volts . . . . . 750V AC/1000V DC
- Resistance . . . . . 40MΩ
- Frequency/Duty Cycle
- Continuity
- Diode Check
- MIN/MAX
- Temperature (K type) . . . -22° ~ 752°F

**Features**

- Dual display
- Detachable clamp head
- Input jack lock
- Data hold
- Worklight
- Low battery display lock
- Easyview high contrast backlit display
- Magnetic mount
- User temperature calibration
- Test lead storage
- Test lead holder on clamp head
- Auto off
- Compatible with common Industry accessory heads
- **3 Year limited warranty**

**Includes**

- K-Type temperature probe . . . . . ATT29
- Test leads . . . . . ATL59 / ATL55A
- Battery . . . . . (2) AAA
- Manual
- Zippered carrying pouch



**DL369**  
**G2PHOENIX: PRIME**

**Functions**

- Capacitance . . . . . 4000µF
- Microamps (AC/DC) . . . . . 2000µA
- AC Current (Clamp) . . . . . 400A
- Non-Contact Voltage . . . . . 24-600V AC
- Volts . . . . . 750V AC/1000V DC
- Resistance . . . . . 40MΩ
- Frequency/Duty Cycle
- Continuity
- Diode Check
- MIN/MAX

**Features**

- Dual display
- Low battery display lock
- Data hold
- Test lead storage
- Test lead holder on clamp head
- Auto off
- **3 Year limited warranty**

**Includes**

- Test leads . . . . . ATL59 / ATL55A
- Battery . . . . . (2) AAA
- Manual
- Zippered carrying pouch



**CH3**  
**G2PHOENIX: HOOK**

**Functions**

- Measures 100A AC
- Non-contact voltage in tip
- Worklight
- Patented virtual closed core accuracy
- **3 Year limited warranty**

**Specifications**

- Range: 0 – 100A
- Resolution: 0.1A
- Accuracy: 2.0% ±20 dgts
- Interference from adjacent wires: 0.03 – 1.0A



\* The "Hook" works exclusively with the G2 Phoenix PRO and PRO+  
NOTE: CH3 does not measure true RMS when used with the G2 Phoenix PRO+ (DL389).

## DIGITAL CLAMP-ON MULTIMETERS QUICK REFERENCE CHART

Functions	DL235	DL389	DL379	DL369	DL49B
AC Volts	600	750	750	750	750
DC Volts	600	1000	1000	1000	1000
AC Amps	700	400	400	400	400
DC Amps	700	-	-	-	400
Frequency	.5 ~ 9,999Hz	.01 ~ 999.9kHz	.01 ~ 999.9kHz	.01 ~ 999.9kHz	.01 ~ 999.9kHz
AC/DC Micro Amps	-	0.1 ~ 2000µA	0.1 ~ 2000µA	0.1 ~ 2000µA	-
Capacitance	-	.01 ~ 4000µF	.01 ~ 4000µF	.01 ~ 4000µF	-
Temperature °F	-	-22 ~ 752°F	-22 ~ 752°F	-	-
Temperature °C	-	-30 ~ 400°C	-30 ~ 400°C	-	-
Resistance	4kΩ	0.1 ~ 40MΩ	0.1 ~ 40MΩ	0.1 ~ 40MΩ	0.1 ~ 40MΩ
Audible Continuity	<35Ω	<50Ω	<50Ω	<50Ω	<50Ω
True-RMS	X	X	-	-	X
Non Contact Voltage	-	24-600VAC	24-600VAC	24-600VAC	-
Dual Display	-	X	X	X	-
Detachable Clamp Head	-	X	X	-	-
Accepts Industry Accessory Heads	-	X	X	-	-
User Temperature Calibration	-	X	X	-	-
Worklight	-	X	X	-	-
Backlit Display	-	EasyView	EasyView	-	-
MIN/MAX	X	X	X	X	X
Autoranging	Auto/Man	Auto/Man	Auto/Man	Auto/Man	Auto/Man
Peak Hold	X	-	-	-	-
Data Hold	X	X	X	X	X
Auto Off	X	X	X	X	X
Low Battery Indicator	X	Display Lock	Display Lock	Display Lock	X
Warranty	5yr	3yr	3yr	3yr	3yr
Safety Ratings	CAT III 600V	UL CAT III 600V CAT II 1000V	UL CAT III 600V CAT II 1000V	UL CAT III 600V CAT II 1000V	UL CAT IV 600V CAT III 1000V
<b>Standard Accessories</b>					
Test Leads	ATL55	ATL59 / ATL55A	ATL59 / ATL55A	ATL59 / ATL55A	ATL55A
Alligator Clips	AAC	AAC3	AAC3	AAC3	AAC3
Battery	9V	(2) AAA	(2) AAA	(2) AAA	(2) AAA
Temperature Probe	-	K-Type	K-Type	-	-
Thermocouple (K-type)	-	ATT29	ATT29	-	-
Case	X	X	X	X	X
<b>Optional Accessories</b>					
Microwave Diode Booster	-	ATL60	ATL60	ATL60	ATL60
Line Splitter	ALS2	ALS2	ALS2	ALS2	ALS2
Micro Amp Adapter	DLMAT2	DLMAT2	DLMAT2	DLMAT2	DLMAT2
Capacitance Adapter	CPA1	-	-	-	-
Optional Storage Case	AC519	AC519	AC519	AC519	AC519

### DL379COMBO G2PHOENIX: PRO COMBO

**NEW**

### DL389COMBO G2PHOENIX: PRO+ COMBO

**Includes**  
G2Phoenix Pro DL379  
K-type pipe clamp ATTPC2  
Battery (2) AAA  
Manual  
Zippered carrying pouch

**Includes**  
Same contents as the DL379COMBO  
G2Phoenix Pro+ DL389

#### DL379COMBO



#### DL389COMBO



### HVACKIT\* HVAC SPECIALTY KIT

Also Available:

HVACKITPRO

With the DL389 True RMS Clamp meter

& INF195 Infrared Thermometer

**Includes**  
G2Phoenix Pro DL379  
G2Phoenix Hook CH3  
Infrared thermometer INF165  
Non-contact voltage meter PET1(NCV2)  
(NCV2 Canada Only)

K-type pipe clamp adapter ATTPC  
Soft carrying case AC73



\* Available and certified in Canada as the HVACKIT1 and the HVACKITPRO1

**DL379KIT**  
G2PHOENIX: PRO KIT

- Includes**
- |                          |               |
|--------------------------|---------------|
| G2Phoenix Pro            | DL379         |
| G2Phoenix Hook           | CH3           |
| K-Type temperature probe | ATT29         |
| Test leads               | ATL59/ ATL55A |
| Battery                  | (2) AAA       |
| Manual                   |               |
| Zippered carrying pouch  |               |



**DL389KIT**  
G2PHOENIX: PRO+ KIT

- Includes**
- |                               |       |
|-------------------------------|-------|
| Same contents as the DL379KIT |       |
| G2Phoenix Pro+                | DL389 |



**DL49B**  
DIGITAL CLAMP METER

- Functions**
- True-RMS
  - Current 400A AC/DC
  - Volts 750V AC/1000V DC
  - Resistance 40MΩ
  - Frequency / Duty Cycle
  - Continuity
  - Diode
  - Min / Max



- Features**
- Auto / Manual ranging
  - DC A zero mode
  - Auto power off
  - Low battery indication
  - Data hold
  - **3 Year limited warranty**

- Includes**
- |                         |         |
|-------------------------|---------|
| Test leads              | ATL55A  |
| Battery                 | (2) AAA |
| Zippered carrying pouch |         |
| Manual                  |         |



**DL235**  
TRUE-RMS  
SPECIALTY CLAMP METER

- Functions**
- True-RMS
  - Capacitance 2000μF
  - Current 400A AC/DC
  - Volts 750V AC/1000V DC
  - Resistance 40MΩ

- Frequency / Duty Cycle
- Continuity
- Diode
- Min / Max

- Features**
- Auto / Manual ranging
  - DC A zero mode
  - Auto power off
  - Low battery indication
  - Data hold
  - **3 Year limited warranty**

- Includes**
- |                          |       |
|--------------------------|-------|
| Test leads               | ATL55 |
| Screw-on alligator clips | AAC3  |
| Battery                  | 9V    |
| Holster                  |       |
| Manual                   |       |



**MCP4**  
ANALOG CLAMP METER

- Functions**
- 10 Ranges
  - Current ..... 300A AC
  - Voltage ..... 750V AC

- Resistance ..... 1000Ω
- Color-coded, high resolution scale-plate
- Pointer-lock switch (data hold)
- 1-1/4" jaw capacity
- **3 Year limited warranty**

- Includes**
- |            |       |
|------------|-------|
| Test leads | ATL55 |
|------------|-------|

- |               |     |
|---------------|-----|
| Battery       | AAA |
| Fuse          | AF3 |
| Carrying Case |     |
| Manual        |     |



**MCP9A**  
ANALOG CLAMP METER

- Functions**
- 9 Ranges
  - Current ..... 300A AC
  - Voltage ..... 600V AC
  - Resistance ..... 1000Ω

- Color-coded, high resolution scale-plate
- Pointer-lock switch (data hold)
- 1-1/2" jaw capacity
- **3 Year limited warranty**

- Includes**
- |            |        |
|------------|--------|
| Test leads | ATL130 |
| Fuse       | AF45   |

- |               |    |
|---------------|----|
| Battery       | AA |
| Carrying Case |    |
| Manual        |    |



## DIGITAL MULTIMETERS

### QUICK REFERENCE CHART



Functions	DM397	DM393	DM391	DM384	DM383B	DM200	DM5B
True-RMS	X	X	-	-	-	-	-
AC Volts	1000	1000	1000	1000	1000	600	750
DC Volts	1000	1000	1000	750	750	600	750
AC+DC Volts	1000	-	-	-	-	-	-
AC Amps	10	10	10	10	10	-	5
DC Amps	10	10	10	10	10	-	5
AC+DC Amps	10	-	-	-	-	-	-
dB & dBV	199Ω/5.9999V	-	-	-	-	-	-
Pulse Width	0.5Hz ~ 300kHz	-	-	-	-	-	-
Temperature °F	-58° ~ 2,372°	-40° ~ 2,372°	-	-	-	-	-
Temperature °C	-50° ~ 1,370°	-40° ~ 1,300°	-	-	-	-	-
Capacitance	5nF ~ 5000 μF	40nF ~ 100 μF	40nF ~ 100 μF	4nF ~ 40,000 μF	-	-	-
Frequency	500.00Hz ~ 5.0000MHz	5Hz ~ 40MHz	5Hz ~ 10MHz	4kHz ~ 40MHz	-	-	-
Resistance	50Ω ~ 50MΩ	400Ω ~ 10MΩ	400Ω ~ 10MΩ	400Ω ~ 40MΩ	400Ω ~ 40MΩ	200Ω	30MΩ
Diode Test	X	X	X	X	X	-	X
Continuity	X	X	X	X	X	X	-
RS232 Data Port	X	-	-	-	-	-	-
Analog Bar Graph	X	-	-	X	-	-	-
Data Storage & Recall	X	-	-	-	-	-	-
1m Second Peak Capture	X	-	-	-	-	-	-
Average	X	-	-	-	-	-	-
Display Count	5,000	4,000	4,000	4,000	4,000	2,000	4,000
Backlit Display	X	X	X	EasyView	EasyView	-	-
Relative Mode	X	X	X	-	-	-	-
MIN/MAX	X	X	-	X	MAX	-	-
Data Hold	X	X	X	X	X	-	X
Auto Power Off	X	X	X	-	-	X	X
Low Battery Indicator	X	X	X	X	X	X	X
Closed Case Calibration	X	X	X	-	-	-	-
Limited Warranty	5yr	5yr	5yr	5yr	5yr	1yr	3yr
Safety Ratings	UL CAT III 1000V	UL CAT III 1000V	UL CAT III 1000V	UL CAT III 600V	UL CAT III 600V	UL CAT II 600V	-
<b>Standard Accessories</b>							
Test Leads	ATL55	ATL55	ATL55	ATL55	ATL55	ATL55	ATL250
Alligator Clips	AAC	AAC	AAC	AAC	AAC	AAC	AAC
Battery	9V	9V	9V	9V	9V	9V	AB13 (2)
Fuse	AF38, AF39	AF38, AF39	AF38, AF39	AF155, AF160	AF155, AF160	-	AF250/AF251
Temperature Probe	ATT29	ATT29	-	-	-	-	-
Temperature Plug Adapter	ATT70	ATT70	-	-	-	-	-
Software	X	-	-	-	-	-	-
Computer Cables	X	-	-	-	-	-	-
<b>Optional Accessories</b>							
Line Splitter	ALS1	ALS1	ALS1	ALS1	ALS1	-	-
Micro Amp Adapter	DLMAT2	DLMAT2	DLMAT2	DLMAT2	DLMAT2	-	-
Temperature Probe	K-Type	K-Type	-	-	-	-	-
Thermocouple mV Adapter	ATHA1	ATHA1	ATHA1	ATHA1	ATHA1	-	-
Optional Storage Case	AC519	AC319	AC319	AC319	AC319	AC319	-

**DM397**  
TRUE-RMS  
DIGITAL MULTIMETER

**Functions**

- True RMS
- Voltage . . . . . 1000V AC/DC & (AC+DC)
- Current . . . . . 10A AC/DC & (AC+DC)
- DBm & dBV
- Resistance . . . . . 50MΩ
- Conductance . . . . . 50nS
- Frequency . . . . . 50Hz~5MHz
- Duty cycle . . . . . 0.1%~99.9%
- Pulse width . . . . . 0.5Hz~300kHz
- Temperature . . . . . -58°~2372°F
- Capacitance . . . . . 5nF~5000μF
- Diode test . . . . . 4V
- Continuity . . . . . <10Ω (response time <1m sec)

**Features**

- Relative mode and (REL) mode
- Analog bar graph
- Data logging kit with software
- Data storage & recall
- MIN/MAX/AVG
- 1mS peak capture
- Data hold
- Auto power off
- Audible & visual input warnings
- 50,000 count primary display
- 5,000 count secondary display
- Backlit display
- All input, ranges, & functions protected to 1000V CAT III
- Closed case calibration
- Access to battery and fuses without breaking calibration seals
- Open fuse detection
- **5 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- K type temperature probe . . . . . ATT29
- K type temperature adapter . . . . . ATT70
- Battery . . . . . 9V
- Fuses . . . . . AF38, AF39
- Software
- Manual



**DM393**  
TRUE-RMS  
DIGITAL MULTIMETER

**Functions**

- True RMS
- Voltage . . . . . 1000V AC/DC
- Current . . . . . 10A AC/DC
- 0.5% basic DC accuracy
- Frequency . . . . . 10Mhz
- Capacitance . . . . . 100μF
- Temperature . . . . . -40° to 2372°F
- Resistance . . . . . 10MΩ
- Diode test . . . . . 4V
- Continuity . . . . . >10Ω

**Features**

- All inputs, ranges and functions protected to 1000V CAT III
- Access to battery and fuses without breaking calibration
- 4,000 count backlit display
- Relative mode
- Hold
- Auto ranging
- **5 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- K type temperature probe . . . . . ATT29
- K type temperature adapter . . . . . ATT70
- Battery . . . . . 9V
- Fuses . . . . . AF38, AF39
- Manual



**DM391**  
DIGITAL MULTIMETER

**Functions**

- Voltage . . . . . 1000V AC/DC
- Current . . . . . 10A AC/DC
- 0.5% basic DC accuracy
- Frequency . . . . . 10Mhz
- Capacitance . . . . . 100μF
- Resistance . . . . . 10MΩ
- Diode test . . . . . 4V
- Continuity . . . . . >10Ω

**Features**

- All inputs, ranges and functions protected to 1000V CAT III
- Access to battery and fuses without breaking calibration
- 4,000 count backlit display
- Relative mode
- Hold
- Auto ranging
- **5 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- Battery . . . . . 9V
- Fuses . . . . . AF38, AF39
- Manual



### DM384

DIGITAL MULTIMETER

**Functions**

- Voltage . . . . . 750VAC & 1000VDC
- Current . . . . . 10A AC/DC
- Resistance . . . . . 40MΩ
- .01 μA DC resolution for flame safe guard circuit testing
- Frequency . . . . . 40MHz
- Capacitance . . . . . 40,000μF
- Diode Test
- Continuity

**Features**

- 3-3/4" Digit, 4000 count display
- Analog bar graph
- MIN/MAX
- Data hold
- Auto ranging
- EasyView display
- Low Battery Indicator
- On-screen range and function indicators
- CE and UL listed 600V CAT III
- **5 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- Battery . . . . . 9V
- Fuses . . . . . AF155, AF160
- Manual



### DM383B

DIGITAL MULTIMETER

**Functions**

- Voltage . . . . . 750VAC & 1000VDC
- Current . . . . . 10A AC/DC
- Resistance . . . . . 40MΩ
- .01 μA DC resolution for flame safe guard circuit testing
- Diode Test
- Continuity

**Features**

- 3 3/4" Digit, 4000 count display
- Max capture mode
- Data hold
- On-screen range and function indicators
- CE and UL listed 600V CAT III
- **5 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- Battery . . . . . 9V
- Fuses . . . . . AF155, AF160
- Manual



### DM200

DIGITAL MULTIMETER

**Functions**

- Voltage . . . . . 600V AC/DC
- Continuity
- Resistance . . . . . 200Ω

**Features**

- Manual ranging
- 3-1/2" digit, 2000 count display
- Protective rubber boot
- **1 Year limited warranty**

**Includes**

- Test leads . . . . . ATL55
- Screw-on alligator clips . . . . . AAC3
- Battery . . . . . 9V
- Manual



### DM5B

POCKET-SIZE  
DIGITAL MULTIMETER

**Functions**

- Voltage . . . . . 750V AC/DC
- Current . . . . . 5A AC/DC

- Continuity
- Resistance . . . . . 30MΩ
- Pocket-sized
- Auto ranging
- Data hold
- Fuse protected current ranges
- **3 Year limited warranty**

**Includes**

- Test leads . . . . . ATL250
- Battery . . . . . (2) AB13
- Fuses . . . . . AF250, AF251
- Protective Case
- Manual





## M110A

### ANALOG MULTIMETER

#### Functions

- 21 Ranges
- AC Voltage . . . . . 600V AC
- DC Voltage . . . . . 300V DC
- Resistance . . . . . 2MΩ
- High resolution DC  $\mu$ A for flame safeguard testing
- DC millivolt scale allows use of adapters
- Color-coded and mirrored scale plate
- **3 Year limited warranty**

#### Includes

Test leads	ATL55
Fuse 250V / 630mA	AF10
Battery	(2) AA
Carrying case	
Manual	



## M75A

### ANALOG MULTIMETER

#### Functions

- 17 Ranges
- Voltage . . . . . 1000V AC/DC
- Resistance . . . . . 50kΩ
- DC  $\mu$ A/mA
- DC millivolt scale allows use of adapters
- Color-coded and mirrored scale plate
- **3 Year limited warranty**

#### Includes

Test leads	ATL55
Fuse 250V / 250mA	AF5
Battery	(2) AA
Carrying case	
Manual	



## DCM3

### DIGITAL CAPACITANCE METER

#### Functions

- 9 ranges, 200pF~20mF (20,000  $\mu$ F)
- Zero adjustment
- Over range indicator
- Polarity indicator
- Quick display refresh rate
- Fuse protected input
- Low battery indication
- **1 Year limited warranty**

#### Includes

Battery	9V
Test leads	
Fuse 250V / 0.25A	
Manual	



## INF225

30:1 DUAL LASER  
INFRARED THERMOMETER  
W/ THERMOCOUPLE INPUT

**NEW**



### Functions

- -76° to 1400°F Measurement range
- 30:1 Spot ratio
- Dual laser targeting
- Max / Min, differential, average
- Backlit display
- **3 Year limited warranty**

### Includes

K-type thermocouple     ATT29A  
Batteries                     (2) AAA  
Protective boot  
Manual



## INF165

INFRARED THERMOMETER



### Functions

- -36.4 ~ 689°F (-38 ~ 365°C)
- 12:1 Distance to spot ratio
- Selectable emissivity (0.70, 0.95)
- Max value capture
- Auto off
- **3 Year limited warranty**

### Includes

Batteries                     (2) AAA  
Manual



## INF195

INFRARED THERMOMETER  
W/ THERMOCOUPLE INPUT



### Functions

- -76° ~ 1022°F (-60° ~ 550°C)
- 12:1 Distance to spot ratio
- MIN / MAX, differential, average
- 3 emissivity levels: (0.30, 0.70, 0.95)
- Hi / low alarm (user adjustable)
- **3 Year limited warranty**

### Includes

K-type thermocouple     ATT29A  
Batteries                     (2) AAA  
Manual



## PDT550

DIGITAL POCKET  
THERMOMETER



### Functions

- -58 ~ 572°F (-50 ~ 300°C)
- Built-in magnetic mount
- MIN / MAX record
- Dual purpose probe cover serves as thermometer extension
- Auto power off
- Quick and easy to read
- **3 Year limited warranty**

### Includes

Batteries                     AB13

Sold in lots of five  
Assorted color pack



## PDT650

FOLDING POCKET  
THERMOMETER



### Functions

- -58 ~ 572°F (-50 ~ 300°C)
- Folding temperature probe
- Built-in magnetic mount
- MIN / MAX record
- Auto power off
- Large easy to read display
- **3 Year limited warranty**

### Includes

Batteries                     AB13

Sold in lots of five



## 550B

DIGITAL POCKET  
THERMOMETER



### Functions

- -58° ~ 572°F
- Water resistant
- MIN / MAX
- Protective boot
- Magnetic mount
- Data hold
- Auto power off
- New ergonomic designed head
- Pen style sheath
- **3 Year limited warranty**

### Includes

Batteries                     AB13

Sold in lots of five



**DTK2**  
DIFFERENTIAL K-TYPE  
THERMOCOUPLE  
THERMOMETER

**NEW**



CE

**Functions**

- Dual input with differential (T1 - T2)
- Min / Max capture (T1 & T2)
- Auto power off with disable feature (15 minutes)
- Large LCD screen
- Complete with bead wire temperature probes and 9V battery
- °C / °F select function
- Magnetic mount
- **3 Year limited warranty**

**Includes**

K-type bead probe (2)	ATT29A
Battery	9V
Pouch	
Manual	



**DTK2KIT**  
DIFFERENTIAL  
THERMOMETER KIT

**NEW**



CE

**Functions**

- Dual input with differential (T1 - T2)
- Min / Max capture (T1 & T2)
- Auto power off with disable feature (15 minutes)
- Large LCD screen
- Complete with bead wire temperature probes and 9V battery
- °C / °F select function
- Magnetic mount
- **3 Year limited warranty**

**Includes**

K-type bead probe (2)	ATT29A
Soft carrying case	AC519
K-type pipe clamp adapter (2)	ATPC2
Battery	9V
Manual	



**DT15A**  
SINGLE INPUT THERMISTOR  
DIGITAL THERMOMETER



**Functions**

- -58 ~ 571°F (-50 ~ 300°C)
- MIN/MAX record
- Backlit display
- Data hold
- Includes one replaceable, submersible metal probe
- **3 Year limited warranty**

**Includes**

Thermistor probes	(2) ATT55A
Battery	(3) AAA
Manual	



**DT20A**  
DUAL INPUT THERMISTOR  
DIGITAL THERMOMETER



**Functions**

- -58 ~ 571°F (-50 to 300°C)
- Dual probe inputs
- Dual display lets you monitor any two of T1, T2 or differential (ΔT)
- MIN/MAX record
- Backlit display
- Data hold
- Includes two replaceable, submersible metal probes
- **3 Year limited warranty**

**Includes**

Thermistor probes	(2) ATT55A
Battery	(3) AAA
Manual	



**DTH10**  
DIGITAL THERMO-HYGROMETER



**Functions**

- Temperature in °F or °C  
14 ~ 122°F (-10 ~ 50°C)
- 5 ~ 95% Relative Humidity (RH)
- Fast, accurate electronic sensor
- Displays relative humidity and temperature at the same time
- MIN/MAX record
- Data hold
- Auto power-off
- **1 Year limited warranty**

**Includes**

Battery	(2) AAA
Manual	



**DTH880**  
TEMPERATURE & HUMIDITY TESTER



**Functions**

- Temperature in °F or °C  
32 ~ 122°F (0 ~ 50°C)
- Relative humidity (RH) 25 ~ 95%
- Comfort zone indicator
- Displays relative humidity and temperature at the same time
- MIN/MAX record
- **1 Year limited warranty**

**Includes**

Battery	AAA
Manual	



## DAFM4

### MINI VANE AIR FLOW METER

#### Features

- 18mm diameter vane head with 1M long telescopic & scale marked probe
- Mini vane probe with built-in temperature & RH sensor
- Up to 1 hour accumulative average
- Metric & imperial scales
- Handheld size, easy to carry
- In-duct or grill surface measurements
- Low battery indication
- Fast, accurate response
- Display Max/Min value

**NEW**

- Hold function freezes current readings
- Sleep and non-sleep selectable
- Powered by 9V batteries or 9V DC adaptor
- **1 Year limited warranty**

#### Includes

- Battery \_\_\_\_\_ 9V
- Rubber holder probe: Remote probe with 18mm diameter fan, telescoping handle
- Hard carrying case
- Manual



## DAFM3

### DIGITAL AIR FLOW METER

#### Features

- Measures
- Temperature -4 ~ 140°F (-20 ~ 60°C)
  - Air velocity 1 ~ 114 ft/s
  - Relative humidity
- Calculates
- Dew point -90 ~ 158°F (-68 ~ 70°C)
  - Wet bulb -7.6 ~ 158°F (-22 ~ 70°C)
  - Volume 0 ~ 99,999 CFM

- Protective twist cap for temperature/humidity sensor
- 8-Point average for air velocity
- 60 second average for air volume
- Total volume from multiple outlets
- Large LCD digital display
- Professional remote vane
- English/Metric scales
- Low battery indication
- Fast response
- Microprocessor circuitry for reliability
- Auto power off
- **1 Year limited warranty**

#### Includes

- Battery \_\_\_\_\_ 9V
- Hard carrying case
- Manual



## THL2

### TEMPERATURE & HUMIDITY USB DATA LOGGER

#### Functions

- 32,000 data points
  - 16,000 Temperature
  - 16,000 Relative Humidity
- Analysis software with dew point calculation, charting of results, and export to other file formats

- USB interface
- Windows™ compatible software
- Instant or manual start
- Alarm LED's with user selectable values
- Magnetic mount
- Long battery life
- **1 Year limited warranty**

*NOTE: Requires computer w/Windows™ and a USB interface to operate.*

#### Includes

- Battery \_\_\_\_\_ 3.5V Lithium
- Software
- Manual



## DTH35

### DIGITAL PSYCHROMETER

#### Functions

- Measures: Temperature, Relative humidity
- Calculates: Wet bulb, Dew point, Enthalpy
- Min/Max
- Data Hold

**NEW**

#### Features

- Designed for in-duct measurement
- Large backlit display
- Magnetic mount
- Probe covers used as an extension

#### Includes

- Batteries \_\_\_\_\_ (2) CR2032
- Manual



## DTH31

### DIGITAL PSYCHROMETER

#### Functions

- Triple display shows RH% T1 (ambient) and WB
- Ambient temperature (T1) -4 ~ 122°F (-20 ~ 50°C)
- RH humidity
- Dew point -90 ~ 122°F (-68 ~ 50°C)
- Wet bulb -69 ~ 122°F (-21 ~ 50°C)
- Display resolution 0.1 °C/°F

- Protective sensor cap
- Sensor: electronic capacitance polymer film
- Condensation will not affect accuracy
- Hold
- MIN/MAX
- °C or °F switchable
- Low battery indicator
- Pocket size design
- Reset
- Auto off with by-pass
- **1 Year limited warranty**

With optional External Probe (ATT31)

- External temperature (T2)
- T1 - T2
- T2 - Dew point (check difference of surface to dew point)

#### Includes

- Battery \_\_\_\_\_ (2) AAA
- Manual



**RF60A**

VAPOR TENSION  
THERMOMETER

**Functions**

- Remote reading
- Recessed flange-mount
- -40 ~ 60° (-40 ~ 15°C)
- 2°F/C per division
- 2" Dial with 3" mounting flange
- 48" Nickel plated, rear-mounted capillary
- Color-coded scales
- Easy pointer calibration
- NSF listed
- **1 Year limited warranty**



**FG80K**

REFRIGERATOR / FREEZER  
THERMOMETER

**Functions**

- -40 ~ 80°F (-40 ~ 27°C)
- Large 5" x 1 1/4" scale plate
- Red spirit-filled (contains no mercury)
- Hangs or stands
- NSF listed
- **1 Year limited warranty**



Sold in lots of twelve

**RFT2A**

REFRIGERATION / FREEZER  
THERMOMETER

**Functions**

- -20 ~ 80°F (-30 ~ 30°C)
- 2°F/1°C per division
- Hangs or stands
- Stainless steel frame
- **1 Year limited warranty**



Sold in lots of twelve

**DOT2A**

OVEN THERMOMETER

**Functions**

- 200 ~ 550°F (65 ~ 290°C)
- 25°F/10°C per division
- Hangs or stands
- Stainless steel frame
- **1 Year limited warranty**



Sold in lots of twelve

**G120**

VAPOR RETENTION  
THERMOMETER

**Functions**

5" spirit-filled glass pocket thermometer for HVAC/R and food service applications. Includes an eyelet for attaching a strap or cord and a metal case with pocket clip.

- Mercury Free!
- Glass spirit with protective sleeve
- Range: G120: -40° ~ 120°F



Sold in lots of twelve

**G220**

VAPOR RETENTION  
THERMOMETER

**Functions**

5" spirit-filled glass pocket thermometer for HVAC/R and food service applications. Includes an eyelet for attaching a strap or cord and a metal case with pocket clip.

- Mercury Free!
- Glass spirit with protective sleeve
- Range: G220: 0° ~ 220°F



Sold in lots of twelve

**POCKET DIAL THERMOMETERES**

#Stock	Scale	Deg/Div.	Range	Length	LOT Qty	UPC
<b>T160</b>	1"	2°	-40° ~ 160°F	5"	12	05353370007
<b>T220</b>	1"	2°	0° ~ 220°F	5"	12	05353370011
<b>TC70</b>	1"	1°	-40° ~ 70°C	5"	12	05353370021
<b>TC100</b>	1"	1°	-10° ~ 100°C	5"	12	05353370019
<b>T125/3</b>	1-3/4"	1°	+25° ~ 125°F	5"	12	05353370005
<b>T160/3</b>	1-3/4"	2°	-40° ~ 160°F	5"	12	05353370008
<b>T220/3</b>	1-3/4"	2°	0° ~ 220°F	5"	12	05353370012



## C157KIT

EAGLE 3X XTENDED LIFE  
COMBUSTION & SYSTEM  
ANALYZER KIT

### Includes

Combustion analyzer	C157
Infrared thermal printer	KMIRP2
Flue probe	KMCP2
(2) K-Type temperature probes	ATT29
Eagle Tubing	11000
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631
Training DVD	L328
Owners manual	

### Features

- **Measures:** CO<sub>2</sub>, CO, NO<sub>1</sub>, Inlet temperature, Flue temperature, Hi-Res pressure (.01-.001wg)
- **Calculates:** O<sub>2</sub>, Net temperature, Efficiency, Excess air, Differential temp. (T1-T2), Differential pressure (P1-P2), CO Air free
- EOS Technology sensor
- Room CO Data Logger
- Heat Exchange Integrity Test
- Worklight
- 4 line backlit LCD display
- 179 memory positions
- Customizable display parameters
- Programmable headers
- Individual report printouts
- Unique rotary selector dial
- Protective boot w/integral magnet

- CO readings to 1 ppm
- Infrared printer port
- Field Replaceable Sensors<sup>1,2</sup>
- **5 Year limited warranty**  
**Includes sensors<sup>3</sup>**



## C157

EAGLE 3X COMBUSTION  
ANALYZER

### Includes

Flue Probe	KMCP2
Inlet tube / probe connector	SM11103
Particle filter	17631
Hard carrying case	AC509



## C157OILKIT

OIL SERVICE KIT

### Kit Includes

Same contents as the C157KIT  
Includes a smoke pump tester (SPT1)



## C155KIT

EAGLE 2X XTENDED LIFE  
COMBUSTION & SYSTEM  
ANALYZER KIT

### Includes

Combustion Analyzer	C155
Infrared thermal printer	KMIRP2
Flue probe	KMCP2
(2) K-Type temperature probes	ATT29
Eagle Tubing	11000
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631
Training DVD	L328
Owners manual	

### Features

- **Measures:** CO<sub>2</sub>, CO, Inlet temperature, Flue temperature, Hi-Res pressure (.01-.001wg)
- **Calculates:** O<sub>2</sub>, Net temperature, Efficiency, Excess Air, Differential Temp. (T1-T2), Differential Pressure (P1-P2), CO Air free
- EOS Technology sensor
- Room CO Data Logger
- Heat Exchange Integrity Test
- Worklight
- 179 memory positions
- Customizable display parameters
- Programmable headers
- Individual report printouts
- Unique rotary selector dial

- Protective boot w/integral magnet
- CO readings to 1 ppm
- Large 4 line back-lit display
- Infrared printer port
- Field Replaceable Sensors<sup>1</sup>
- **5 Year limited warranty**  
**Includes sensors<sup>3</sup>**



## C155

EAGLE 2X  
COMBUSTION ANALYZER

### Includes

Flue probe	KMCP2
Inlet tube / probe connector	SM11103
Particle filter	17631
Hard carrying case	AC509



## C155OILKIT

OIL SERVICE KIT

### Kit Includes

Same contents as the C155KIT  
Includes a smoke pump tester (SPT1)



<sup>1</sup> **EAGLE Series**

To maintain specified accuracy UEI recommends calibration in a controlled environment against a traceable calibration gas at the UEI Service Center or by an authorized UEI representative. Field replacement services are only eligible in the United States.

<sup>2</sup> **EAGLE III: C127**

NO<sub>1</sub> (Nitric Oxide) sensors are factory replacement and calibration only and are not eligible for user or in-field service.

<sup>3</sup> **Warranty**

Sensor warranty does not include Calibration or Replacement from standard use. See product warranty for details.

**C127KIT**  
EAGLE 3 COMBUSTION  
& SYSTEM ANALYZER KIT

**Kit Includes**

Combustion analyzer	C127
Infrared thermal printer	KMIRP2
Flue probe	KMCP2
(2) K-Type temperature probes	ATT29
Eagle Tubing	11000
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631
Training DVD	L328
Owners manual	

**C127 Analyzer Features**

- **Measures:**  
NO1, O2, CO, Inlet temperature, Flue temperature, Hi-Res pressure (.01-.001wg)
- **Calculates:**  
CO2, Net temperature, Efficiency, Excess air, Differential temp. (T1-T2), Differential pressure (P1-P2), CO Air free
- Room CO Data Logger
- Heat Exchange Integrity Test
- Worklight
- 4 line backlit LCD display
- 179 memory positions
- Customizable display parameters

- Programmable Headers
- Individual report printouts
- Unique rotary selector dial
- Protective boot w/integral magnet
- Real time clock
- CO readings to 1 ppm
- Infrared printer port
- Field Replaceable Sensors<sup>1,2</sup>
- **3 Year limited warranty** (2 year warranty on sensor)<sup>3</sup>



**C127**  
EAGLE 3 COMBUSTION  
& SYSTEM ANALYZER

**Includes**

Flue probe	KMCP2
Inlet Tube / probe connector	SM11103
Particle filter	17631
Hard carrying case	AC509

**C127**



**C127OILKIT**  
COMBUSTION OIL SERVICE KIT

**Kit Includes**

Same contents as the C127KIT  
Includes a smoke pump tester (SPT1)

**C127OILKIT**



**C125KIT**  
EAGLE 2 COMBUSTION  
& SYSTEM ANALYZER KIT

**Kit Includes**

Combustion analyzer	C125
Infrared thermal printer	KMIRP2
Flue probe	KMCP2
(2) K-Type temperature probes	ATT29
Eagle Tubing	11000
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631
Training DVD	L328
Owners manual	

**C125 Analyzer Features**

- **Measures:**  
O2, CO, Inlet temperature, Flue temperature, Hi-Res pressure (.01-.001wg)
- **Calculates:**  
CO2, Net temperature, Efficiency, Excess air, Differential temp. (T1-T2), Differential pressure (P1-P2), CO Air free
- Room CO Data Logger
- Heat Exchange Integrity Test
- Worklight
- 179 memory positions
- Customizable display parameters
- Programmable Headers
- Individual report printouts

- Unique rotary selector dial
- Protective boot w/integral magnet
- Real time clock
- CO readings to 1 ppm
- Large 4 line back-lit display
- Infrared printer port
- Field Replaceable Sensors<sup>1</sup>
- **3 Year limited warranty** (2 year warranty on sensor)<sup>3</sup>



**C125**  
EAGLE 2 COMBUSTION  
& SYSTEM ANALYZER

**Includes**

Flue probe	KMCP2
Inlet Tube / probe connector	SM11103
Particle filter	17631
Hard carrying case	AC509

**C125**



**C125OILKIT**  
COMBUSTION OIL SERVICE KIT

**Kit Includes**

Same contents as the C125KIT  
Includes a smoke pump tester (SPT1)

**C125OILKIT**



## C75KIT

### EAGLE 1 COMBUSTION ANALYZER KIT

#### Kit Includes

Combustion Analyzer	C75
Infrared thermal printer	KMIRP2
Flue probe	KMCP2
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631
Owners guide	

#### C75 Analyzer Features

- Measures:  
O<sub>2</sub>, CO, Flue temperature
- Calculates:  
CO<sub>2</sub>, Gross/Net efficiency, Excess air, CO air free
- Protective boot w/integral magnet
- Real time clock
- CO readings to 1 ppm
- Large 2 line back-lit display

- Infrared printer port
- User programmable header
- 20 memory position
- **3 Year limited warranty**  
(2 year warranty on sensor)<sup>3</sup>



## C75

### EAGLE 1 COMBUSTION ANALYZER

#### Includes

Flue probe	KMCP2
Inlet Tube / probe connector	SM11103
Particle filter	17631
Hard carrying case	AC509



## C75OILKIT

### COMBUSTION OIL SERVICE KIT

#### Kit Includes

Same contents as the C75KIT (pg 15)  
Includes a smoke pump tester (SPT1)  
Draft velocity gauge (D460)



## EAGLEUPGRADE

### UPGRADE KIT

#### Includes

Infrared thermal printer	KMIRP2
(2) K-Type temperature probes	ATT29
Eagle Tubing	11000
AC Adapter	AACA4
Hard carrying case	AC509
Thermal printer paper roll	16646
Particle filter	17631



## C155BTKIT

### EAGLE 2X COMBUSTION ANALYZER BLUETOOTH KIT

- Connect wireless to your laptop or android based tablet or smart phone.



## C50

### O2 COMBUSTION ANALYZER

- Measures flue temperature and oxygen
- Calculates carbon dioxide, gross/net efficiency and excess air
- Infrared printer ports allows for printing results to an optional printer with date and time

- Large back-lit LCD, 2 line display
- Protective boot w/ magnet
- **Three year limited warranty**  
(Two year limited warranty on sensor)<sup>3</sup>



## EAGLE & EAGLE X

### ACCESSORIES & REPLACEMENT PARTS

#### Accessories

Thermal printer: IR Link	KMIRP2
Bluetooth module for C155, C157, C125, C127	EABT
AC Adapter / charger	AACA4
Smoke pump test kit	SPT1
Hard carrying case	AC509
Soft carrying case	AC75
Draft velocity gauge	D460
Inlet temperature probe	ATT100
Field sensor calibration kit	<b>CALKIT</b> <sup>4</sup>
Eagle RS232 cable	EARS232

#### Replacement Parts/Supplies

Flue probe	KMCP2
Flue probe extension	FPTEXT
Eagle Tubing	11000
Thermal paper for KMIRP2	16646
Thermal paper for KMIRP2 (10 Pack)	16646PACK
Smoke paper and chart	SP9
Particle filter	17631
Particle filter (10 Pack)	17631PACK
Inlet tube / probe connector	SM11103
Water trap	SM11827
Water trap drain plug	CM11667/2

Water trap drain plug (10Pack)	CM11667/2PACK
K-Type thermocouple	ATT29
Gas valve pressure adapter (1/4 MPT to Hose Barb)	BF100
O <sub>2</sub> Sensor	17662*
CO Sensor	16184*
NO Sensor (C127)	17979*
Static pressure probe tip	ASP1
Quick start guide	17117
Manual	18323

\*Factory installed ONLY

<sup>3</sup> Warranty

Sensor warranty does not include Calibration or Replacement from standard use. See product warranty for details.

<sup>4</sup> CALKIT (USA ONLY)

The Sensor Replacement & Calibration Kit (CALKIT) is for trade professionals familiar with gas analysis and detection, with experience in calibrating gas measurement systems.



**SMARTBELL**  
CO<sub>2</sub> & EFFICIENCY  
COMBUSTION METER

**Functions**

- Measures  
Carbon dioxide (CO<sub>2</sub>),  
Flue temperature
- Calculates  
O<sub>2</sub>, Efficiency, Excess air,  
Net temperature

- EOS Technology sensor
- Pre-programmed fuels:  
Light Oil, Propane, Natural Gas,  
Heavy Oil, and Wood
- **5 Year limited warranty**  
(CO<sub>2</sub> sensor has a 10 year life expectancy)

**Includes**

Flue probe	KMCP70
Storage case	AC73
Owner's manual	
Quick start guide	



**SB1KIT**  
SMARTBELL KIT

**Kit Includes**

Combustion meter	SMARTBELL
Single input manometer	EM151
Brass fitting valve adapter	BF100
Flue probe	KMCP70
Protective boot w/ magnet	SBOOT
Soft carrying case	AC73



**SMARTBELLPLUS**  
CO & CO<sub>2</sub> & EFFICIENCY  
COMBUSTION METER

**Functions**

- Measures  
Carbon dioxide (CO<sub>2</sub>), Carbon monoxide  
(CO), Flue temperature
- Calculates  
O<sub>2</sub>, Efficiency, Excess air,

- EOS Technology sensor
- Pre-programmed fuels:  
Light Oil, Propane, Natural Gas,  
Heavy Oil, and Wood
- **5 Year limited warranty**  
(CO<sub>2</sub> sensor has a 10 year life expectancy)

**Includes**

Flue probe	KMCP70
Storage case	AC73
Owner's manual	
Quick start guide	



**SMARTBELLPLUS  
KIT**  
COMBUSTION METER KIT

**Kit Includes**

Combustion meter	SMART BELL PLUS
Dual input manometer	EM201B
Brass fitting valve adapter	(2) BF100
Flue probe	KMCP70
Protective boot w/ magnet	SBOOT
Soft carrying case	AC73



**C20**  
CO & CO<sub>2</sub> SET-UP METER

**Functions**

- Measures  
Carbon dioxide (CO<sub>2</sub>),  
Carbon monoxide (CO),
- EOS Technology sensor
- **5 Year limited warranty**  
(CO<sub>2</sub> sensor has a 10 year life expectancy)

**Includes**

Flue probe	KMCP70
Storage case	AC519
Owner's manual	
Quick start guide	



**C20KIT**  
SET-UP METER KIT

**Kit Includes**

Combustion meter	C20
------------------	-----

Single input manometer	EM151
Brass fitting valve adapter	BF100
Flue probe	KMCP72
Protective boot w/ magnet	SBOOT
Soft carrying case	AC73



**SMARTBELL, SMARTBELLPLUS & C20**  
REPLACEMENT PARTS

Flue probe (SB, SB+)	KMCP70	Protective boot	SBOOT
Flue probe (C20)	KMCP72	Water trap	SBWT
Storage case	AC73	Water trap plug	SBWTP

Particle filter 17631

## KM9106/P

### QUINTOX INDUSTRIAL COMBUSTION SYSTEM ANALYZER

#### Functions

##### Measures:

- Oxygen (O2): 0 ~ 21%
- Carbon monoxide (CO): 0 ~ 10,000ppm
- Inlet temperature: 0° ~ 999°F
- Flue temperature: 32° ~ 2140°F

##### Calculates:

- Efficiency: 0 ~ 99.9%
- Carbon dioxide: (CO2) 0 ~ 99.9%
- Losses: 0 ~ 99.9%
- Excess air: 0 ~ infinite
- CO/CO2: 0 ~ 0.999
- Poison Index: 0 ~ 99.9%
- Net temperature differential

#### Preprogrammed Fuels:

Natural Gas, Butane, Light Oil, Heavy Oil, Coal, Coke, Propane, Anthracite. LP Gas, Town Gas, Natural Gas2, Gas Core, and 2 user defined fuels.

#### Features

- Multiple line display
- Integral dot matrix printer
- Secondary printer connection (RS232)
- 1,926 test memory slots
- Rugged lockable case
- **1 Year limited warranty**

#### Includes

Filter bypass	FB1
CO sensor module	KMCO1/Q
Flue probe assembly	KMCSP6
AC adapter/charger	KMCU110
Remote lead	RE5LG
O2 sensor	OS11
Sulfur filter	SF1
Particle filter with housing	KMAF2
Water trap	WTS9106
Water trap filter	WN8
Manual	

#### Optional Upgrades

Pressure (Draft) 0~60"wg1	KMPS2/Q
NO1 Sensor module <sup>1</sup>	KMNO1/Q
NO2 Sensor module <sup>1</sup>	KMNO2/Q
SO2 Sensor module <sup>1</sup>	KMSO2/Q
Hydrocarbon Sensor <sup>1</sup>	KMHC104/Q
High Range CO Sensor (measures in % to 10%)	KM6CO1/Q



Add up to 5 total sensors to customize or select a pre-built Quintox that suits your needs

Item	Description	UPC
KM9106/P	Quintox with O2 and CO (0~10,000ppm H2 compensated)	05353350458
KM9106C2	Quintox with NO1 and NO2 (True Total NOx)	05353350466
KM9106C3	Quintox with NO1 and SO2 (Calculated Total NOx with SO2)	05353350667
KM9106C4	Quintox with NO1, NO2, and SO2 (True Total NOx with SO2)	05353350668
KM9106C5	Quintox with High Range CO (0~4%)	05353350669
KM9106C6	Quintox with NO1 (Calculated Total NOx)	05353350670
KM9106C7	Quintox with True NOx, SO2, Direct CO2 and Hydrocarbons	05353350671

## KM9106/P

### QUINTOX ACCESSORIES & REPLACEMENT PARTS

#### Accessories/Options

High range CO sensor (0 to 10%)	KM6CO1/Q
High range CO purge module	KM9106HPUR/Q
NO1 Sensor module <sup>1</sup>	KMNO1/Q
NO2 Sensor module <sup>1</sup>	KMNO2/Q
SO2 Sensor module <sup>1</sup>	KMSO2/Q
Hydrocarbon sensor <sup>1</sup>	KMHC104/Q
Pressure sensor module <sup>1</sup>	KMPS2/Q
15' Handset extension	RE5LG

30' Handset extension lead	RE10LG
60' Handset extension lead	RE20LG
Auto drain water trap <sup>2</sup>	WTS9106P
Temperature inlet probe	ATT100
Sulfur filter	SF1

#### Replacement Parts / Supplies

Flue probe assembly	KMCSP6
Probe shaft 12" 1000°	10051
Probe shaft 36" 1000°	15588
Probe shaft 36" 2000°	15590

Printer paper and ribbons (10 rolls and 5 ribbons)	DP12
Smoke paper and chart	SP9
Particle filter with housing	KMAF2
Particle filter	16345
Replacement battery	7211
110V AC Adapter / charger	KMCU110
AC Adapter power cord PSL/US	
250V AC Adapter / charger	KMCU220
Replacement water trap	WTS9106

Water trap filter (for WTS9106)	WN8
Water trap filter (for metal base)	WN9
Chemical (Sulfur) filter	SF1
Chemical filter bypass	FB1
Oxygen sensor	OS11
Fireworks graphing software	KMFG1

<sup>1</sup> KM940 and KM900PLUS sensors are factory replacement and calibration only and are not eligible for user or in-field service.

<sup>2</sup> Special Order ONLY

## KM940

### INDUSTRIAL COMBUSTION ANALYZER

#### Functions

#### Measures:

- Oxygen (O2): 0 ~ 21%
- Pressure
- Flue temperature: 0° ~ 1112°F

#### Calculates:

- Efficiency: 0 ~ 99.9%
- Carbon dioxide (CO2) 0 ~ 99.9%
- Losses: 0 ~ 99.9%
- Excess air: 0 ~ infinite
- CO/CO2: 0 ~ 0.999
- Poison index: 0 ~ 99.9%
- Net temperature differential

#### Customizable:

- Add 2 toxic gas sensors in addition to installed O2

#### Preprogrammed Fuels:

Natural Gas, Butane, Light Oil, Heavy Oil, Coal, Coke, Propane, Anthracite, LP Gas, Town Gas, Natural Gas2, Gas Core, and 1 user defined fuel

#### Features

- High suction double-headed pump
- Multiple line display
- Infrared printer port
- 150 test memory slots
- **1 Year limited warranty**

#### Optional Sensors

CO (H2 Compensated) <sup>1</sup>	Part# 12933
CO High Range <sup>1,2</sup>	13911

NO1 <sup>1</sup>	13251
NO2 <sup>1</sup>	10533
SO2 <sup>1</sup>	13910

#### Includes

Flue Probe	KMCP10
Pressure sensor	KMPS4
Replacement particle filter	16345
AC adapter / charger	KMCU900/110
Water trap assembly	WT900/2
Large cordura case	
Manual	



Customize the KM940 or select one already suited to fit your needs

Item	Description	UPC
KM940CO	KM940 with CO (0~10,000ppm), H2 Compensated	05353350684
KM940CON	KM940 w/CO and NO1 (Calculated Total NOx)	05353350661
KM940CONOX	KM940 w/CO, NO1 and NO2 (True Total NOx)	05353350663
KM940CONS	KM940 w/CO, NO1 and SO2 (Calculated Total NOx)	05353350664
KM940COS	KM940 w/CO and SO2	05353350662
KM940CO%	KM940 with High Range CO (0~4%)	05353350665

## KM900PLUS

### INDUSTRIAL COMBUSTION ANALYZER

#### Functions

#### Measures:

- Oxygen (O2): 0 ~ 21%
- Carbon monoxide (CO): 0 ~ 10,000 ppm (H2 Compensated)
- Pressure
- Flue temperature: 0°~1112°F

#### Calculates:

- Efficiency: 0 ~ 99.9%
- Carbon dioxide (CO2): 0 ~ 99.9%
- Losses: 0~99.9%
- Excess air: 0 ~ infinite
- CO/CO2: 0 ~ 0.999
- Poison index: 0 ~ 99.9%
- Net temperature differential

#### Customizable:

- Add 2 toxic gas sensors in addition to installed O2 and CO sensors

#### Preprogrammed Fuels:

Natural Gas, Butane, Light Oil, Heavy Oil, Coal, Coke, Propane, Anthracite, LP Gas, Town Gas, Natural Gas2, Gas Core, and 1 user defined fuels

#### Features

- Multiple line display
- Infrared printer port
- 150 test memory slots
- **1 Year limited warranty**

#### Optional Sensors

NO1 <sup>1</sup>	Part# 13251
NO2 <sup>1</sup>	10533
SO2 <sup>1</sup>	13910

#### Includes

Flue Probe	KMCP10
Pressure sensor	KMPS4
Replacement particle filter	16345
AC Adapter / charger	KMCU900/110
Water trap assembly	WT900/2
Large cordura case	
Manual	



Customize the KM900 or select one already suited to fit your needs

Item	Description	UPC
KM900CON	KM900Plus with NO1 Sensor (Calculated Total NOx)	05353350672
KM900CONOX	KM900Plus with NO1/NO2 (True Total NOx)	05353350673
KM900CONS	KM900PLUS with NO1 and SO2 (Calculated Total NOx)	05353350674
KM900COS	KM900PLUS with SO2	05353350675

## KM9 SERIES

### ACCESSORIES & REPLACEMENT PARTS

#### Accessories/Options

Thermal printer - IR Link	KMIRP2	0 ~ 100 ppm <sup>1</sup>	18079
CO Sensor: 0 ~ 10,000 ppm		NO2 Sensor:	
H2 compensated <sup>1</sup>	12933	0 ~ 1,000 ppm <sup>1</sup>	10533
CO Sensor: (KM940 Only)		SO2 Sensor: 0 ~ 5,000 ppm <sup>1,2</sup>	13910
High range 0 ~ 10% <sup>2</sup>	13911	SO2 Sensor: low range	
NO Sensor: 0 ~ 5,000 ppm <sup>1</sup>	13251	0 ~ 100 ppm) <sup>1</sup>	18131
NO Sensor: low range			

#### Replacement Parts/Supplies

Flue probe	KMCP10
Thermal paper for KMIRP2	16646
Smoke pump	SPT1
Smoke paper and chart	SP9
Particle filter	16345
Battery	16486
AC Adapter / charger	KMCU900/110

AC Adapter power cord	PSL/US
Water trap (case mount)	WT900/2
O2 Sensor	OS12
Pressure sensor (differential) <sup>1</sup>	KMPS4
Fireworks reporter software	KMFR1

<sup>1</sup> KM940 and KM900PLUS sensors are factory replacement and calibration only and are not eligible for user or in-field service.

<sup>2</sup> Special Order ONLY

## AQM4 AIR QUALITY METER

### Features

- 4 in 1 Measures CO, CO<sub>2</sub>, Temperature and RH
- MIN and MAX functions included (TWA and STEL for CO<sub>2</sub> only)

- 99 points manual recording
- 8,000 points auto recording
- Mini USB to PC download function for analysis
- Hold function freezes current readings
- **2 Year limited warranty**

### Includes

- Mini USB cable and software CD
- 33% calibration salt & 75% Calibration salt
- Hard carrying case
- AC power adapter
- Batteries (4) AA
- Manual



## C095 CARBON MONOXIDE DETECTOR

### Measures

- Carbon monoxide (CO) (Room and flue 10 ~ 100 ppm)
- Temperature: 32° ~ 1112°F

### Features

- Long-life (5 years) CO sensor
- Measure ambient CO levels



**UPGRADED**  
Formally C091

- Measure CO concentration in flue gas
- CO Max capture
- CO accurate to ±5% of reading
- Temperature measurement
- Auto-zero at power up
- Link to optional infrared printer Includes
- **5 Year limited warranty**

### Includes

- K-type Temperature probe ATT100
- Flue probe SGAFP
- Soft carrying case AC73
- Batteries (4) AA
- Manual



## C095KIT CO DETECTOR KIT

### Includes

- K-type Temperature probe ATT70
- Infrared printer KMIRP2
- AC adapter AACA4
- Inlet tube/Probe connector SM11103



**UPGRADED**  
Formally C091KIT

- Soft carrying case AC75
- Batteries (4) AA
- Manual



## C071A CARBON MONOXIDE DETECTOR

### Features

- Carbon monoxide (ambient 0 ~ 999ppm)
- 3-color warning light
  - Green 2 ~ 9 ppm
  - Amber 10 ~ 34 ppm
  - Red w/ audible alert +35 ppm
- MAX capture
- Low battery indicator
- Backlit display
- **3 Year limited warranty**



## COBG CO BUMP GAS



### Features

- 30+ Bumps Per Cylinder
- For Use With Single Gas Carbon Monoxide Monitors
- 3-Month Shelf Life
- Max. Pressure 160 psi
- Cylinder Dia. 1-3/4 In.



## KMIRP2 INFRARED THERMAL PRINTER

### Features

- Compact design with a protective rubber boot w/ Integrated magnet
- Infrared port, receives readings up to 3' away without losing connection. Allowed 60° angle up to 18" away
- Communicates with UEI analyzers and analyzers using HP protocols
- Self test and battery condition function
- **1 Year limited warranty**



## SPT1 SMOKE PUMP TESTER

### Features

- High impact barrel
- Sampling tube curved to hook securely into flue
- Solid brass shaft
- Stainless steel hardware
- Fits all types of smoke paper
- **1 Year limited warranty**



**AK900SC**  
REFRIGERATION SYSTEM ANALYZER



- Features**
- “Dynamic Offset” bar graph clearly shows modulation of control valves, system behavior and faults
  - Dual temperature probes for automatic superheat and subcool readings

- Max and min pressure monitoring for control set-up
- Auto zero key eliminates manual recalibration
- **1 Year limited warranty**

- Includes**
- (2) Pipe Clamp Adapters AKTS1140
  - Soft carrying case AC73
  - Manifold
  - Extended Hanging Hook
  - Manual



**AK900HC**  
REFRIGERATION SYSTEM ANALYZER

- Includes**
- Same contents as the AK900SC
  - Hard carrying case AC509

**SSM1**  
SUPER HEAT / SUB COOL METER

- Features**
- Measures:
- Pressure . . . . . 0-500 psi
  - Temperature . . . . . -40-400°F

- Calculates:
- Superheat for low side
  - Subcool for high side (TXV systems)
- Refrigerants included for calculations
- R22, R134a, R404a, R410a
  - **3 Year limited warranty**

- Battery . . . . . 9V
- “T” Fitting
- Manual



**DMG100**  
DIGITAL MICRON GAUGE



- Features**
- 1 Micron resolution at +/-5% accuracy
  - Backlit display with analog bar graph
  - Advanced power management
  - Up to 300 hour battery life

- Oil contamination sensor
- In field calibration and calibration test function
- **1 Year limited warranty**

- Includes**
- Battery . . . . . (2) AA
  - Manual



**DMG200**  
DIGITAL MICRON GAUGE



- Features**
- 0.1 Micron resolution at +/-5% accuracy
  - Vacuum leak rate indicator
  - Ambient temperature display
  - Programmable for both target vacuum level and elapsed time
  - Backlit display with analog bar graph

- Advanced power management - Up to 300 hour battery life
- Oil contamination sensor
- In field calibration and calibration test function
- **1 Year limited warranty**

- Includes**
- Battery . . . . . (2) AA
  - Manual



**DRS220**  
DIGITAL REFRIGERANT SCALE

- Features**
- 220lb Range
  - Measures lbs or kilograms
  - Programmable tank capacity indicator
  - **1 Year limited warranty**

- Includes**
- Battery . . . . . (4) AA
  - Manual



**DRSCM**  
CHARGE MODULE FOR DRS220

- Features**
- Option for automated system charging
  - Set, start and allow the DRSCM to monitor progress
  - Valve closes to stop the flow of refrigerant when target is met
  - **1 Year limited warranty**

- Includes**
- Manual
- MADE IN U.S.A.**



*Combine the DRS220 with the DRSCM charging module for automated system charging.*

## CD100A

### COMBUSTIBLE GAS LEAK DETECTOR

#### Features

- 50 ppm minimum detection
- Long 18" gooseneck
- Detects: Acetone, Alcohol, Ammonia, Benzene, Ethelene Oxide, Gasoline/Petrol, Halon
- Worklight in sensor cap illuminates the search area

- Precision sensor detects even the smallest leaks
- Adjustable tick rate
- Headphone jack
- **1 Year limited warranty**

#### Includes

Battery \_\_\_\_\_ 9V  
Manual \_\_\_\_\_

#### Replacement Parts

Sensor cap \_\_\_\_\_ RS1010  
Sensor \_\_\_\_\_ RS1000



## CD200

### COMBUSTIBLE GAS LEAK DETECTOR

#### Features

- 50 ppm minimum detection
- Long 18" gooseneck
- Detects: Acetone, Alcohol, Ammonia, Benzene, Ethelene Oxide, Gasoline/Petrol, Halon
- Visual LED leak detection indicator
- User adjustable alarms
- Precision sensor detects even the smallest leaks
- Work Light in sensor cap

- Adjustable tick rate
- Fast response time of less than two seconds to 40% LEL
- Headphone jack
- **3 Year limited warranty**

#### Includes

Battery \_\_\_\_\_ (4) AA  
Hard carrying case  
Manual \_\_\_\_\_

#### Replacement Parts

Sensor cap \_\_\_\_\_ RS1010  
Sensor \_\_\_\_\_ RS1000



## RLD10

### REFRIGERANT LEAK DETECTOR

#### Features

- Sensitive to .5 oz per year R134A.
- Detects all existing halogenated refrigerants and blends (R123, R410A, R22).
- Two position sensitivity selector
- Audible tick and visual indicators identify refrigerant leak rate

- Auto zeros when turned on
- 18 1/2" long gooseneck probe
- **1 Year limited warranty**

#### Includes

Battery \_\_\_\_\_ 9V  
Manual \_\_\_\_\_

#### Replacement Parts

Sensor cap \_\_\_\_\_ RLDTG  
Sensor \_\_\_\_\_ RLDSENS



## RLD15

### REFRIGERANT LEAK DETECTOR



#### Features

- Detects industry standard refrigerants:  
HFC: R-134a, R-410A, R-404A, R-407C & R-507 (R-134a, R410A sensitivity ≥ 0.05 oz/yr)  
HCFC: R-22 (R-22 sensitivity ≥ 0.025 oz/yr)  
CFC: R-12  
Hydrocarbon Blends: HC-12a®, OZ-12a®
- Solid electrolyte semiconductor sensor
- Digital numeric leak size indicator
- 3 Sensitivity levels
- Visual LED leak alarm
- Automatic calibration & ambient level reset

- Splash resistant
- SAE J2791 Certified: r134a
- SAE J2913 Certified: r1234yf
- **3 Year limited warranty**

#### Includes

Batteries \_\_\_\_\_ (4) AA  
Sensor filter (5 pack) \_\_\_\_\_ RLDTF  
Leak test vial \_\_\_\_\_ RLDLS  
Manual \_\_\_\_\_  
Hard carrying case

#### Replacement Parts

Sensor \_\_\_\_\_ RLD15SENS  
Sensor filter (5 pack) \_\_\_\_\_ RLDTF  
Leak test vial \_\_\_\_\_ RLDLS



**EM151**  
ELECTRONIC MANOMETER

**Features**

- Single input measurement to ±20" wg
- Ruggedized, including rubber boot with integral magnet
- Simple two-button operation
- Measures in inches water gauge & Mbar
- Auto power-off
- **3 Year limited warranty**

**Includes**

- (1) Pressure tube w/ brass
- 1/4" MPT adapter BF100
- Battery 9V
- Manual



**EM201B**  
DUAL INPUT  
ELECTRONIC MANOMETER

**Features**

- Dual input differential measurement to ±60 inches water column
- Measure in inches water column(In-WG), mBar, PSI and Pa (auto range to hPa)
- Dynamic MIN/MAX value capture



- Backlit display
- Ruggedized, including rubber boot with integral magnet
- Auto power-off
- **3 Year limited warranty**

- Includes**
- (2) Pressure tubes w/ brass
  - 1/4" MPT adapter BF100
  - Battery 9V
  - Manual



**EM201SPKIT**  
STATIC PRESSURE KIT

**Kit Includes**

- Dual Input Electronic manometer EM201
- Brass valve fitting connector (2) BF100
- Magnetic static pressure tips (2) ASP1

- Battery 9V
- Soft carrying case AC319
- Pressure tubing
- Manual



**SPAK1**  
STATIC PRESSURE  
ACCESSORY KIT

**Kit Includes**

- (2) Static Pressure Probe Tips ASP1
- "T" fittings TF100
- Soft carrying case AC319

- NEW**
- Pressure tubing
  - Manual



**LPKIT**  
COMBUSTIBLE LEAK & PRESSURE KIT

**Kits Include**

- Combustible gas leak detector CD100A
- Electronic manometer EM151
- Hard carrying case AC504



**LPKITPLUS**  
COMBUSTIBLE LEAK & PRESSURE KIT

**Kits Include**

- Combustible gas leak detector CD100A
- Carbon monoxide detector C071A
- Electronic manometer EM151
- Hard carrying case AC504



## HA1 HERMETIC COMPRESSOR ANALYZER

### 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

- Free locked rotors by reversing motor action
- Convenient breakout jacks for measuring voltage and resistance
- **3 Year limited warranty**

### Includes

- Adapter Cord \_\_\_\_\_ ACF1
- Manual \_\_\_\_\_



## DMEG3 DIGITAL INSULATION RESISTANCE TESTER

### Features

- Large digital display shows test function & measured value
- AC voltage measurement to 600 Volts
- Insulation resistance ranges 0 ~ 2000MΩ
- Three test-voltage ranges (250, 500, 1000V DC)
- Live circuit warning light
- Fuse protected
- Precision resistance 0.01Ω

- 200 mA short-circuit continuity test current for high accuracy
- Precision, low resistance test leads (1000 Volt CAT III rated)
- Audible continuity
- Green LED power-on indicator
- Low battery indication/detection
- Maintains rated voltage on cables with up to 1 mA leak-rate
- Automatic, post-test cable discharge
- **3 Year limited warranty**

E112971



### Includes

- Test Leads \_\_\_\_\_ ATL55
- Battery \_\_\_\_\_ (8) AA
- Fuse \_\_\_\_\_ AF21
- Manual \_\_\_\_\_



## IRT3 ANALOG INSULATION RESISTANCE TESTER

### Features

- Large high-contrast analog display
- AC voltage measurement to 600 volts
- Insulation resistance readings from 0 ~ 400 MΩ
- Three test-voltage ranges (250, 500, 1000 V DC)
- Live circuit (external voltage applied) warning light

- Fuse protected against accidental misuse
- Precision, low resistance test leads (1000 Volt CAT III rated)
- Low battery indication/detection
- Maintains rated voltage on cables with up to 1 mA leak-rate
- Automatic, post-test cable discharge
- **3 Year limited warranty**

E112971



### Includes

- Test Leads \_\_\_\_\_ ATL55
- Battery \_\_\_\_\_ (8) AA
- Fuse \_\_\_\_\_ AF21
- Manual \_\_\_\_\_



## IRT20 HAND-CRANKED INSULATION RESISTANCE TESTER

### Features

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

- Accurate to within one division
- **1 Year limited warranty**

### Includes

- Test Leads \_\_\_\_\_ ATL55
- Manual \_\_\_\_\_





**PET1**  
POCKET ELECTRICAL TESTER

**Features**

- Worklight
- Non-contact AC voltage test: from 12 ~ 600V AC (with adjustable sensitivity)
- Detects high and low AC Voltage
- Continuity check: 0 ~ 80 MΩ
- **3 Year limited warranty**

**Includes**

Battery: \_\_\_\_\_ (2) AB13  
Manual



**NCV2**  
POCKET ELECTRICAL TESTER



**Features**

- Non-contact AC voltage test: from 50 ~ 1000V AC
- 50 ~ 60Hz
- Bright LED indicator
- Audible alert
- Built in battery tester
- **3 Year limited warranty**

**Includes**

Battery: \_\_\_\_\_ (2) AAA  
Manual



**ECT690**  
ELECTRICAL TESTER

**Features**

- AC Volts 12 ~ 690
- DC Volts 6 ~ 220
- Continuity
- **1 Year limited warranty**

**Includes**

Battery: \_\_\_\_\_ (2) AA  
Manual



**ECT460K**  
VOLTAGE TESTER

**Features**

- Scaled AC V indicators
- 110 ~ 480V
- **1 Year limited warranty**

**Includes**

Manual



**ECT120**  
ELECTRICAL TESTER

**Features**

- 110V AC outlets
- **1 Year limited warranty**

**Includes**

Manual



**ECTGFI**  
GROUND FAULT INDICATOR

**Features**

- 110V AC outlets
- **1 Year limited warranty**

**Includes**

Manual



**ECT1K**  
CONTINUITY TESTER

**Features**

- Continuity
- Indicator light
- **1 Year limited warranty**

**Includes**

Battery: \_\_\_\_\_ (2) AA  
Manual



**MA1**  
AC AMMETER

**Features**

- Ranges: 0 ~ 1.2 AC Amps
- Accuracy: ±3% of full scale
- **One year limited warranty**

**Includes**

Manual



**ALS2**  
LINE SPLITTER

**Features**

- 1 to 1 and 10 to 1 internal coils for better resolution
- ETL Listed



- 15A max.
- Voltmeter input jacks
- Integral ground conductors
- **1 Year limited warranty**



## TACH2

### CONTACT / NON-CONTACT TACHOMETER

#### Features

- Dual measurement modes, contact or non-contact
- Data hold
- Auto power off after 20 minutes inactivity
- Low battery indicator
- Selectable velocity units (contact mode only)
- **1 Year limited warranty**

**NEW**

#### Includes

- Battery \_\_\_\_\_ 9V
- Cone & funnel contact tips
- Reflective tape (Non-contact model)
- Manual

CE



## PSMR1

### PHASE SEQUENCE MOTOR ROTATION TESTER

#### Features

- Three functions in one unit:
- Open phase indication
- Phase rotation sequence
- Motor rotation indication (fused)
- Identifies 3-phase sequence
- Checks for open phases
- Input voltage: 100 ~ 600V AC
- Frequency range: 45 ~ 70Hz
- Battery operated
- **3 Year limited warranty**

UL LISTED



#### Includes

- Test Leads
- Soft Carrying Case
- Manual



## CLM100

### CABLE LENGTH METER

#### Features

- Measures copper and aluminum cables; covers the major wire gauges
- Automatic temperature compensation
- Milliohm measurement capability
- Measures 15 ~ 30,000'
- Wire size: 26 ga ~ 4/0
- 250 ~ 500 MCM
- Resistance 65Ω
- **5 Year limited warranty**

#### Includes

- Test Leads \_\_\_\_\_ ATL190
- Calibration bar \_\_\_\_\_ 15154
- Hard Case \_\_\_\_\_ AC504
- Battery \_\_\_\_\_ 9V
- Manual



## MM100

### DIGITAL MOISTURE METER

#### Features

- Wood: 6 ~ 44%
- Material: 0.2 ~ 2.0% Accuracy
- Wood: ± 1%
- Material: ± 0.05%
- Relative humidity 0 ~ 85%
- Replaceable electrode pins
- **1 Year limited warranty**



#### Includes

- Batteries \_\_\_\_\_ (3) CR2032
- Manual



## MW1AK

### MICROWAVE LEAK DETECTOR

#### Features

- Color-coded scale indicates microwave leakage
- Attached wand is easy to hold and allows detection in small spaces
- 0 ~ 2mV/cm<sup>2</sup> Range
- Frequency response of 2450 MHz
- **1 Year limited warranty**



#### Includes

- Manual
- NOTE: Not Certifiable*



## DSM101

### DIGITAL SOUND METER

#### Features

- Measures 4 ranges 40 ~ 130 dB (0.1dB resolution)
- Automatic or manual ranging
- Maximum level hold
- Over and under indication
- Fast and slow dynamic response
- A and C weighting
- **3 Year limited warranty**



#### Includes

- Battery \_\_\_\_\_ (4) AAA
- Manual



## DLM2

### DIGITAL LIGHT METER

#### Features

- 0 ~ 5000 foot-candles
- Over 3 lux ranges
- Accurate to ±5% w/ 0.4 sec sampling rate
- Easy to read LCD display
- **1 Year limited warranty**



#### Includes

- Battery \_\_\_\_\_ 9V
- Manual



## MOTORS

All Motors are 50/60Hz, 1550RPM at 60Hz, have fully enclosed metal housings, external oil ports and are UL and CSA listed. Each motor furnished with hub washer, speed nut, neoprene silencer/vibration damper, and 3 mounting screws.

### CAST IRON HOUSING

Part Number	Watts	Voltage	UL	Industry Reference	Rotation	Lot Qty	UPC
UEM1021T	2W	115VAC	Y	5109	CW	12	05353380085
UEM1025T	2.5W	115VAC	Y	5111	CW	12	05353380086
UEM1041T	4W	115VAC	Y	5211	CW	12	05353380087
UEM1042T	4W	115VAC	Y	5212	CCW	12	05353380088
UEM1061T	6W	115VAC	Y	5311	CW	12	05353380089
UEM1062T	6W	115VAC	Y	5312	CCW	12	05353380090
UEM1091T	9W	115VAC	Y	5411	CW	12	05353380091
UEM1092T	9W	115VAC	Y	5412	CCW	12	05353380092
UEM1161T	16W	115VAC	Y	5811	CW	8	05353380093
UEM1162T	16W	115VAC	Y	5812	CCW	8	05353380094
UEM2091T	9W	230VAC	Y	5421	CW	12	05353380095
UEM2092T	9W	230VAC	Y	5422	CCW	12	05353380096
UEM2161T	16W	230VAC	Y	5821	CW	8	05353380097
UEM2162T	16W	230VAC	Y	5822	CCW	8	05353380098

### Cast Iron



### Aluminum



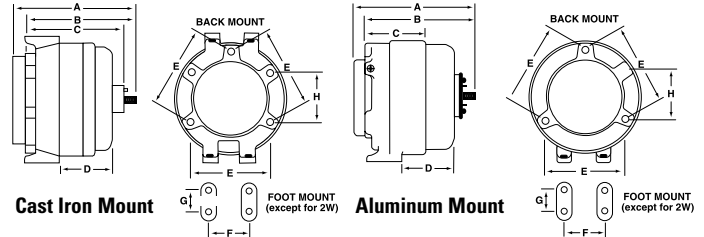
### ALUMINUM HOUSING

Part Number	Watts	Voltage	UL	Industry Reference	Rotation	Lot Qty	UPC
UEM1021ALT	2W	115VAC	Y	5109	CW	12	05353380099
UEM1041ALT	4W	115VAC	Y	5213	CW	12	05353380100
UEM1042ALT	4W	115VAC	Y	5214	CCW	12	05353380101
UEM1061ALT	6W	115VAC	Y	5313	CW	12	05353380102
UEM1091ALT	9W	115VAC	Y	5413	CW	12	05353380103
UEM1092ALT	9W	115VAC	Y	5414	CCW	12	05353380104

All motors sold in lot quantities.

Cast Iron Motors	A	B	C	D	E	F	G
2W	3.275	2.920	1.250		2.5		
2.5 & 4W	3.245	2.895	1.350	1.395	2.5	1.125	.625
6 & 9W	3.775	3.410	1.865	1.810	2.5	1.125	.625
16W	4.030	3.6655	1.862	2.09	2.5	1.125	.625

Aluminum Motors	A	B	C	D	E	F	G	H
2W					2.5			
4W	3.250	2.875	2.5	1.225	2.4	1.1225	.625	1.4
6 & 9W	3.525	3.150	2.80	1.475	2.4	1.125	.625	1.4



## TRANSFORMERS

### CONTROL TRANSFORMERS

Part Number	Primary Voltage	Secondary Voltage	Output Volt/Amps	Breaker or Fuse	Type Mount	Multi Tap	Connection Type (Primary)	Connection Type (Secondary)	UPC
UET100R**	120, 208, 240, 480	24	100VA	CB	Foot	Yes	Wires	Wires*	05353380035
UET101	120, 208, 240	2.5, 12, 24	40VA	Fuse	Foot	Yes	Wires	Wires*	05353380001
UET105	120, 208, 240	24	40VA	No	Foot	Yes	Wires	Wires*	05353380002
UET111	120, 208, 240	2.5, 12, 24	40VA	Fuse	Multi	Yes	Quick Clamp	Wire Nuts*	05353380004
UET112	120	24	40VA	No	Multi	Yes	Quick Clamp	Screw	05353380005
UET113	208, 240	24	40VA	No	Multi	Yes	Quick Clamp	Screw	05353380006
UET114	120, 208, 240	24	20VA	No	Foot	Yes	Wire Nuts	Wires*	05353380007
UET115	120, 208, 240	24	40VA	No	Foot	Yes	Wire Nuts	Wires*	05353380008
UET150	120, 208, 240	24	50VA	Fuse	Multi	Yes	Wire Nuts	Screw	05353380009
UET160	208, 240	24	60VA	Fuse	Foot	Yes	Wire Nuts	Wire Nuts*	05353380013
UET175	120, 208, 240	24	75VA	Fuse	Foot	Yes	Wire Nuts	Wire Nuts*	05353380020
UET79R	120, 208, 240, 480	24	75VA	CB	Foot	Yes	Wire Nuts	Wire Nuts*	05353380034

\* Wires are color coded for easy installation



UET113 W/ Quick Clamp Connection

### RINGER TRANSFORMERS

The Ringer Transformer series covers a broad range of bell and chime applications. All models feature Quick Clamp primary hook-ups, screw terminal secondary hook-ups and mount with foot or knock-out clamp.

Part Number	Primary Voltage	Secondary Voltage/VA	Type Mount	Multi Tap	UPC
UET10	120	6/5, 10/5, 16/10	1 1/16" x 2"	Yes	05353380000
UET10A	120	16/10	1 1/16" x 2"	No	05353380003
UET20	120	8/10, 16/10, 24/20	1 1/4" x 2"	Yes	05353380027
UET30	120	8/20, 16/20, 24/30	1 3/4" x 2"	Yes	05353380028
UET32	120, 240	8/20, 16/20, 24/30	1 3/4" x 2"	Yes	05353380116
UET34	120	16/30	1 3/4" x 2"	No	05353380081

\*\* All Transformers are UL and CUL listed except the UET100R

All transformers are sold in lot quantities.

Motor & Transformer specifications are subject to change without notice.



UET30 W/ Secondary Screw Terminals

**UTL33T**  
 DIGITAL MULTIMETER

- Functions**
- AC Voltage . . . . . 600V
  - DC Voltage . . . . . 600V
  - DC Current . . . . . 10A
  - Resistance . . . . . 200MΩ
  - Audible continuity
  - Temperature-4 ~ 1832°F (-20 ~ 1000°C)
  - Data hold
  - Impact resistant boot with a tilt stand
  - **1 Year limited warranty**

- Includes**
- Test Leads \_\_\_\_\_
  - Batteries \_\_\_\_\_ 9V
  - Manual \_\_\_\_\_



**UTL2K**  
 COMPACT  
 ANALOG MULTIMETER

- Functions**
- Easy to read, color coded scale plate and front panel
  - Diode protected meter movement
  - Pocket size
  - **1 Year limited warranty**

- Includes**
- Test Leads \_\_\_\_\_ ATL85
  - Batteries \_\_\_\_\_ AA
  - Manual \_\_\_\_\_



**UTL260**  
 DIGITAL  
 CLAMP-ON METER

- Functions**
- AC current . . . . . 200A
  - Voltage . . . . . 600V AC/DC
  - Resistance . . . . . 2kΩ
  - Audible continuity
  - LCD display with MAX reading 1999
  - Automatic indication of functions and symbols
  - Sample rate: 2 times/sec for digital data
  - Backlit display for use in low light application
  - **1 Year limited warranty**

- Includes**
- Test Leads \_\_\_\_\_ ATL55
  - Batteries \_\_\_\_\_ (2) AAA
  - Manual \_\_\_\_\_



**UTL7002**  
 VOLTAGE DETECTOR

- Functions**
- Detect live voltages
  - AC . . . . . 50-500V AC
  - DC . . . . . 30-220V DC
  - **1 Year limited warranty**

- Includes**
- Batteries \_\_\_\_\_ AB13



**UTL2002**  
 WATER LEAKAGE  
 DETECTOR

- Functions**
- 9 Volt battery operated
  - Jack for conventional 9 Volt adapter
  - Remote sensor with 7" cord
  - Longer remote-sensor cord is easily added
  - Suction-cup mounted sensor
  - Visual (LED) and loud audible alarms
  - Self test button
  - Mounting hardware included
  - **1 Year limited warranty**

- Includes**
- Batteries \_\_\_\_\_ 9V
  - Manual \_\_\_\_\_



**UTLC11**  
CARBON  
MONOXIDE DETECTOR

**NEW**

- Functions**
- Adjustable CO warning level
  - Dual digital display
  - Backlight for operating in dark area
  - Low battery indicator
  - Auto power off function
  - **1 Year limited warranty**

Sold in lot quantities

- Includes**
- AAA alkaline battery x 3
  - Operation manual
  - Wrist Strap
  - Carrying Pouch



**UTLCD1**  
COMBUSTIBLE  
LEAK DETECTOR

**NEW**

- Functions**
- One Step Operation
  - Audible & Visual Alarm
  - Self Inspection Test
  - Auto Power Off
  - 1 Year Limited Warranty

Sold in lot quantities



**UTLIR1**  
INFRARED THERMOMETER

- Functions**
- -31 to 689°F
  - Precision laser targeting
  - Backlit Display
  - Easy one handed operation
  - 8 to 1 spot ratio
  - Real Time MAX
  - Auto Shut-Off
  - **1 Year limited warranty**

- Includes**
- Batteries \_\_\_\_\_ 2 (AA)
  - Manual



**UTLIR2**  
INFRARED THERMOMETER

- Functions**
- -31 to 689°F
  - Precision laser targeting
  - Backlit Display
  - Easy one handed operation
  - 10 to 1 spot ratio
  - Auto Shut-Off
  - **1 Year limited warranty**

- Includes**
- Batteries \_\_\_\_\_ 2 (AAA)
  - Manual



## ACCESSORIES

### TEST LEADS

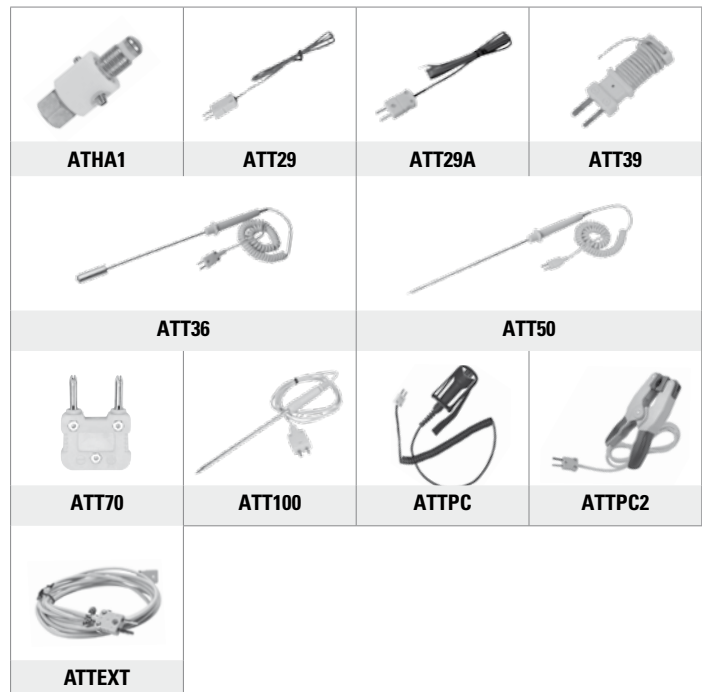
<b>AAC</b>	Push-on alligator clips with insulators for pointed test leads, 1 pair
<b>AAC3</b>	Screw-on alligator clips, 1 pair
<b>ATL1</b>	Standard Test Lead Tips
<b>ATL2</b>	Alligator Test Lead Tips
<b>ATL3</b>	Grabber Test Lead Tips
<b>ATL4</b>	Remote Alligator Test Lead Tips
<b>ATL5</b>	Back Probe Test Lead Tips
<b>ATL6</b>	Piercing Test Lead Tips
<b>ATL55</b>	UL listed insulated test leads for industry standard multimeters
<b>ATL55A</b>	UL CAT IV insulated test lead set, industry standard (G2 Phoenix)
<b>ATL59</b>	UL listed insulated test leads with alligator clips for Phoenix Clamp Meter Series™ (DL269 / DL279 / DL289)
<b>ATL60</b>	Test lead, microwave diode booster for all DMM (except DM5B)
<b>ATL85</b>	Vinyl insulated test leads for M1K, M20, M30
<b>ATL135</b>	Test leads for IRT3 & DMEG3
<b>ATL190</b>	Kelvin clip leads for CLM100 & CLM100B
<b>ATL301KIT</b>	ATLTX, ATL1, ATL2, ATL3, AC12
<b>ATL501KIT</b>	ATLTX, ATL1, ATL2, ATL3, ATL5, ATL6, AC12
<b>ATLBPK</b>	Back Probe Test Lead Kit (ATLTX, ATL5, AC12)
<b>ATLFT</b>	Fused Probe Test Leads Tips
<b>ATLTX</b>	Test Lead Kit Extension Wire



### K-TYPE TEMPERATURE PROBES

Works with: DTK2, DT221, DT222, INF195, DL379, DL389, C125, C127, C155, C157, C091, DT301, DT302, DT304.

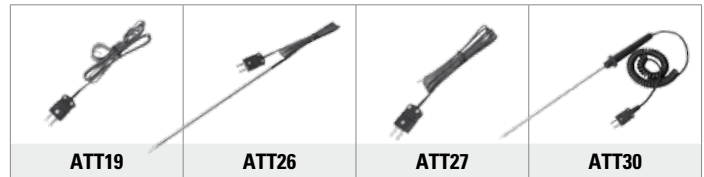
<b>ATHA1</b>	Gas valve K-Type thermocouple adapter
<b>ATT29</b>	4' Standard fiber glass coated (-40° to 950°F / -40° to 510°C)
<b>ATT29A</b>	4' Standard Fluoroplastic coated (-40° to 950°F / -40° to 510°C)
<b>ATT29APACK</b>	10 PACK 4' Standard Fluoroplastic coated
<b>ATT36</b>	8" Surface probe and handle (-40° to 950°F / -40° to 510°C)
<b>ATT39</b>	Storable Temperature probe for the DT301, DT302, DT304 (-40° to 950°F / -40° to 510°C)
<b>ATT50</b>	8" Liquid probe & handle (-40° to 1,550°F / -40° to 850°C)
<b>ATT70</b>	Temperature plug adapter for DMMs. DL259, DL289, DL279, DL269, DM397, DM393, UTL33T
<b>ATT100</b>	6" Liquid probe and handle (-40° to 950°F / -40° to 510°C)
<b>ATTPC</b>	Pipe clamp adapter for use with K-type inputs
<b>ATTPC2</b>	Clamp style adapter for use with K-type inputs
<b>ATTEXT</b>	10' Extension for K-type thermocouples



### J-TYPE TEMPERATURE PROBES

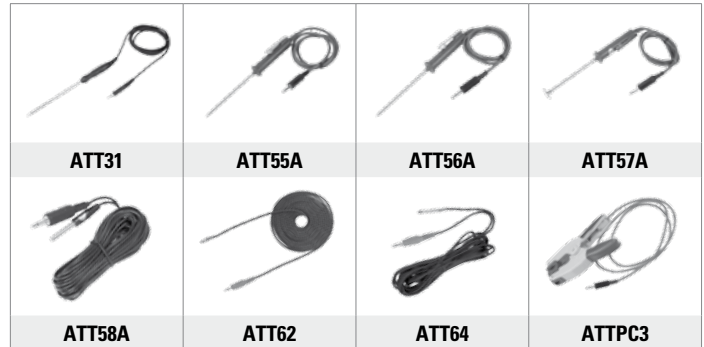
Works with: DT221, DT222, DT301, DT302, DT304.

<b>ATT19</b>	Oven clip, flat blade 48" cord. (-40°-950°F / -40°-510°C)
<b>ATT26</b>	Liquid probe and 48" cord. (-40°-1,550°F / -40°-850°C)
<b>ATT27</b>	4' Standard bead probe. (-40°-950°F / -40°-510°C)
<b>ATT30</b>	8" Liquid probe & handle. (-40°-1,550°F / -40°-850°C)



### THERMISTORS

<b>ATT31</b>	4' External temperature probe for the DTH31. (-4° to 158°F / -20° to 70°C)
<b>ATT55A</b>	4" Liquid temperature probe with 30" cord. DT20A, DT15A
<b>ATT56A</b>	4" Air temperature probe with 30" cord. DT20A, DT15A
<b>ATT57A</b>	4" Surface temperature probe with 30" cord. DT20A, DT15A
<b>ATT58A</b>	Sealed probe with 15' cord. DT20A, DT15A
<b>ATT62</b>	Sealed probe with 15' cord. DT40 (-40° to 300°F / -40° to 150°C)
<b>ATT64</b>	Air probe with 15' cord for the DT40. (-40° to 300°F / -40° to 150°C)
<b>ATTPC3</b>	Clamp style adapter with thermistor input



### CARRYING CASES

<b>AC12</b>	Test lead case (4 x 7 x 0.25")
<b>AC73</b>	Soft carrying case (15 x 12 x 3")
<b>AC75</b>	Large soft carrying case (18 x 12 x 3")
<b>AC504</b>	Hard carrying case (12.5 x 7.5 x 3.5")
<b>AC506</b>	Large hard carrying case (16 x 11 x 3.75")
<b>AC509</b>	Eagle hard carrying case (19 x 14 x 3.5")
<b>AC319</b>	Soft carrying case (5.5 x 7.5 x 2.5")
<b>AC519</b>	Soft carrying case (5.5 x 10.5 x 2.5")



### FUSES

PART #	USED WITH	RATING	UPC	
<b>AF2</b>	M20	(.15A, 2 Ohms)	05353360056	
<b>AF3</b>	MCP4	(.5A, .5 Ohms)	05353360059	
<b>AF5</b>	M75A/M80A	(.25A, 2 Ohms)	05353360064	
<b>AF10</b>	M110A	(.6A, .5 Ohms)	05353360052	
<b>AF21</b>	IRT3, DMEG3	(1A < 2 Ohms)	05353360213	
<b>AF38</b>	DM391/DM393	(440mA, 1000V Fuse)	05353360517	
<b>AF39</b>	DM391/DM393	(11A, 1000V Fuse)	05353360518	
<b>AF45</b>	MCP4, MCP9A	(0.3A, 1.3 Ohms)	05353360063	
<b>AF112</b>	DL293, DL295, DL297, DL297T	(2A, 600V)	05353360219	
<b>AF113</b>	DL293, DL295, DL297, DL297T	(15A, 600V)	05353360220	
<b>AF145</b>	DM400, DL250	(.5A, 240V 5 x 20mm)	05353360295	
<b>AF155</b>	DM383B, DM384	Capacitance Range	05353360378	
<b>AF160</b>	DM383B, DM384, DL250, DL259	(12.5A, 250V 6 x 32mm)	05353360379	
<b>AF250</b>	DM5B	(0.5A, 250V Fuse)	05353360392	
<b>AF251</b>	DM5B	(5A, 250V Fuse)	05353360393	

### BATTERIES

<b>AB13</b>	<p><b>Functions</b></p> <ul style="list-style-type: none"> <li>For DM5B, PDT550, PDT650, 550B, DTH880.</li> </ul>
<b>AB14</b>	<p><b>Functions</b></p> <ul style="list-style-type: none"> <li>For PDT500, 300AC.</li> </ul>

## MERCHANDISE AND BRANCH SUPPORT

### DISPLAY2

#### FREE STANDING DISPLAY



2' x 6' metal grid display includes header sign, reorder tags, hardware, grid hooks, and instructions.

The UEi Free Standing Display is great for the end of aisles, as a counter extension, or anywhere open floor space is available.

Being the largest rack, it allows a wide range of products to be displayed. Sturdy and visually appealing the Free Standing display is a sharp addition to any store.

### PBC

#### PEG BOARD DISPLAY COVER



2 x 4' Red flexible PVC roll with 5/16" stripped holes aligned 1" on center. Includes plastic fasteners, reorder tags and header sign.

The Peg Board Cover is perfect way to dress up traditional peg boards or gondola displays. The bright red color draws attention and helps keep inventory looking organized. The durable material is tough enough not to tear but can easily be cut to customize to space requirements.

### SDC

#### SLATWALL DISPLAY COVER



16 red 2.5 x 24" adhesive strips with UEi logo. Includes header sign, reorder tags and application instructions.

The Slatwall Display Cover is a unique and stylish way to merchandise your UEi stock. Apply directly to slatwalls and reapply without the worry of leaving residue on surface. Strips can easily be cut to customize to space requirements.

Slatwall covers can also be ordered individually without support material.

### HEADER

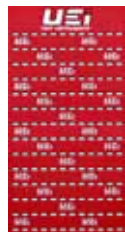
#### HEADER SIGNS



2' x 7" color sign with 2 hanging holes making it easily identifiable and helping direct customers to the testing equipment displays.

### SDC2

#### UNIVERSAL DISPLAY COVER



**NEW**

23.5 x 46" red flexible PVC roll with stripped openings to align with either Peg board holes or slatwall tracks. Includes plastic fasteners (reorder tags and header sign).

The Universal Display Cover is the most convenient way to market your UEi inventory. Designed to work with both peg board and slatwall displays this material is durable enough not to deteriorate or fade over time but like all of our displays can easily be cut to customize to space requirements.

## UEi SERVICE CENTERS CALIBRATION & REPAIR SERVICE

### NIST Calibration Service

UEi now offers NIST certifications. A **Traceable Certificate of Calibration** certifies a product has been tested and verified to perform at the manufactures stated level of accuracy when compared to a traceable reference standard. A **Certificate of Compliance** certifies the product tested was found to be within the stated tolerance. These certifications guarantee products have been tested and perform to specification. Please call for additional information.

### Repair & Calibration Service

UEi offers flat rate pricing for standard calibration, full service and non-warranted services. To expedite the turn around process UEi requires pre-authorization at the time a service number is issued.

### Warranty Service

Includes repair parts and labor (or product replacement at UEi's discretion) and prepaid return freight. Some exclusions apply. See the full limited warranty details in the product manual.

### Two USA Locations

We are proud to offer two service centers to respond quickly to calibration, repair or warranty requests through the facility best able to provide the quickest turn around.

### Or fill out our **Online Service Request Form:**

[www.ueitest.com](http://www.ueitest.com)

All service shipments received at UEi are scheduled as normal turn around and prioritized as first come first serve. Priority service is available by appointment only.

### Guaranteed Priority Turn around

If your UEi combustion analyzer needs to be serviced quickly, just call in advance to schedule a guaranteed one business day turn around or two (2) day turn around for analyzers fitted with NO. To request this service please call to schedule an appointment.



Portland, OR



Indianapolis, IN



Vancouver, BC

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