



## ***3 convenient kits for quick checks and testing***

### **Test & Check Professional Kit** TACK30



**BEST  
VALUE**

#### **Includes**

- **DL479 TRMS HVAC/R Clamp Meter**
  - 600A AC / 750V AC, 600V DC
  - Resistance 60MΩ
  - Capacitance 2000μF
  - Temperature -13° to 752°F (-25° to 400°C)
  - DC micro amps 2000μA
- **CD100A Combustible Leak Detector**
  - Senses leading combustible, noncombustible and toxic gases
  - Minimum detection 50 ppm methane
- **EM201B High Resolution Dual Input Manometer**
  - Range of -60 to +60 inH2O
  - Differential pressure
- **PDT550 Digital NSF Waterproof Thermometer**
  - Temperature range: -58° to 572°F (-50° to 300°C)
- **ATTPC3 Pipe Clamp Adapter**
- **ATT70 K-type to Input Jack Adapter**
- **AC73 Carrying Case**
  - Shoulder strap and pockets for documents and accessories.

### **Test & Check Advanced Kit** TACK20



#### **Includes**

- DL479 TRMS HVAC/R Clamp Meter
- CD100A Combustible Leak Detector
- EM152 Dual Input Manometer
- PDT550 Digital NSF Waterproof Thermometer
- ATTPC3 Pipe Clamp Adapter
- ATT70 K-type to Input Jack Adapter
- AC73 Carrying Case

### **Test & Check Kit** TACK10



#### **Includes**

- DL469 TRMS Clamp Meter
- CD100A Combustible Leak Detector
- EM152 Dual Input Manometer
- PDT550 Digital NSF Waterproof Thermometer
- AC73 Carrying Case



### DL479

#### AC Amps - Jaw Input

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 60A   | 0.01A      | ±(2.0% +8 dgts) | 600V RMS            |
| 600A  | 0.1A       |                 |                     |

True RMS Frequency range: Sine 50Hz to 400Hz  
 Frequency width: 60Hz to 400Hz: 5% to 95%  
 Frequency width: 400Hz to 4kHz: 15% to 85%

#### AC Volts (45Hz to 400Hz)

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 600mV | 0.1mV      | ±(1.0% +3 dgts) | 1000V RMS           |
| 6V    | 1mV        |                 |                     |
| 60V   | 10mV       |                 |                     |
| 600V  | 100mV      |                 |                     |
| 750V  | 1.0V       |                 |                     |

True RMS Frequency range: Sine 50Hz to 400Hz, Sine 50Hz to 400Hz  
 Bandwidth: Sine = 0.5% error at 1.5kHz (max)  
 Bandwidth: Square = 0.5% error at 0.1kHz (max)  
 Bandwidth: Triangle = 0.5% error at 1.2kHz (max)

#### DC Volts

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 600mV | 0.1mV      | ±(0.5% +4 dgts) | 1000V RMS           |
| 6V    | 1mV        |                 |                     |
| 60V   | 10mV       |                 |                     |
| 600V  | 100mV      |                 |                     |

#### DC Low Amps

| Range  | Resolution | Accuracy        | Overload Protection |
|--------|------------|-----------------|---------------------|
| 600µA  | 0.1µA      | ±(1.2% +3 dgts) | 2000µA/600V RMS     |
| 2000µA | 1.0µA      |                 |                     |

#### Resistance

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 600Ω  | 0.1Ω       | ±(0.8% +3 dgts) | 600V RMS            |
| 6kΩ   | 1Ω         |                 |                     |
| 60kΩ  | 10Ω        |                 |                     |
| 600kΩ | 100Ω       |                 |                     |
| 6MΩ   | 0.001MΩ    | ±(1.2% +3 dgts) |                     |
| 60MΩ  | 0.01MΩ     |                 |                     |

#### Frequency

| Range    | Resolution | Accuracy           | Overload Protection |
|----------|------------|--------------------|---------------------|
| 99.99Hz  | 0.01Hz     | ±(0.1% per+3 dgts) | 600V RMS            |
| 999.9Hz  | 0.1Hz      |                    |                     |
| 9.999kHz | 0.001kHz   |                    |                     |

#### Duty Cycle

| Range         | Resolution | Accuracy                      | Overload Protection |
|---------------|------------|-------------------------------|---------------------|
| 0.5% to 95%   | 0.1%       | ±(0.2% per kHz +2.0% +2 dgts) | 600V RMS            |
| 60Hz to 400Hz |            |                               |                     |
| 15% to 85%    |            |                               |                     |
| 400Hz to 2kHz |            |                               |                     |

Sensitivity > 6Vpp RMS

#### Diode Test

| Range | Open Circuit V | Test Current | Overload Protection |
|-------|----------------|--------------|---------------------|
| 4.0V  | <3.0V DC       | 1.30mA       | 600V RMS            |

#### Capacitance

| Range   | Resolution | Accuracy        | Overload Protection |
|---------|------------|-----------------|---------------------|
| 60nF    | 0.01nF     | ±(3.0% +5 dgts) | 600V RMS            |
| 600nF   | 0.1nF      |                 |                     |
| 6.000µF | 0.001µF    |                 |                     |
| 60.00µF | 0.01µF     |                 |                     |
| 600.0µF | 0.1µF      |                 |                     |
| 2000µF  | 1µF        |                 |                     |

#### Continuity

| Open Circuit V | Response Time | Overload Protection |
|----------------|---------------|---------------------|
| <1.0V          | <50ms         | 1000V               |

#### Temperature

| Range         | Resolution | Accuracy       | Overload Protection |
|---------------|------------|----------------|---------------------|
| -31° to 752°F | 0.1°F      | ±(1.5% +3.6°F) | 600V RMS            |
| -35° to 400°C | 0.1°C      | ±(1.5% +2.0°C) |                     |

Stated accuracy does not account for thermocouple accuracy  
 Sensitivity >2Vpp RMS

#### Non-Contact Voltage

| On Voltage     |
|----------------|
| Approx. 25V AC |

### DL469

#### AC Amps - Jaw Input

| Range | Resolution | Accuracy         | Overload Protection |
|-------|------------|------------------|---------------------|
| 40A   | 0.01A      | ±(3.0% +10 dgts) | 600V RMS            |
| 400A  | 0.1A       | ±(2.5% +10 dgts) |                     |

True RMS Frequency range: Sine 50Hz to 400Hz  
 Frequency width: 60Hz to 400Hz: 5% to 95%, Frequency width: 400Hz to 4kHz: 15% to 85%

#### AC Volts (45Hz to 400Hz)

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 400mV | 0.1mV      | ±(1.0% +8 dgts) | 1000V RMS           |
| 4V    | 1mV        |                 |                     |
| 40V   | 10mV       |                 |                     |
| 400V  | 100mV      |                 |                     |
| 750V  | 1V         | ±(1.2% +8 dgts) |                     |

True RMS Frequency range: Sine 50Hz to 400Hz, Square 50Hz to 170Hz, Sine 50Hz to 400Hz  
 Bandwidth: Sine = 0.5% error at 1.5kHz (max)  
 Bandwidth: Square = 0.5% error at 0.1kHz (max)  
 Bandwidth: Triangle = 0.5% error at 1.2kHz (max)

#### DC Volts

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 400mV | 0.1mV      | ±(0.8% +5 dgts) | 1000V RMS           |
| 4V    | 1mV        |                 |                     |
| 40V   | 10mV       |                 |                     |
| 400V  | 100mV      |                 |                     |
| 600V  | 1V         | ±(1.0% +5 dgts) |                     |

#### DC Low Amps

| Range  | Resolution | Accuracy        | Overload Protection |
|--------|------------|-----------------|---------------------|
| 400µA  | 0.1µA      | ±(1.2% +3 dgts) | 2000µA/600V RMS     |
| 2000µA | 1µA        |                 |                     |

#### Resistance

| Range | Resolution | Accuracy        | Overload Protection |
|-------|------------|-----------------|---------------------|
| 400Ω  | 0.1Ω       | ±(1.0% +5 dgts) | 600V RMS            |
| 4kΩ   | 1Ω         |                 |                     |
| 40kΩ  | 10Ω        |                 |                     |
| 400kΩ | 100Ω       |                 |                     |
| 4MΩ   | 0.001MΩ    | ±(1.5% +5 dgts) |                     |
| 40MΩ  | 0.01MΩ     |                 |                     |

#### Diode Test

| Range | Open Circuit | Test Current | Overload Protection |
|-------|--------------|--------------|---------------------|
| 4.0V  | <3.0V DC     | 1.30mA       | 600V RMS            |

#### Continuity

| Open Circuit | Response Time | Overload Protection |
|--------------|---------------|---------------------|
| <1.0V        | <50ms         | 600V RMS            |

#### Non-Contact Voltage

| On Voltage     |
|----------------|
| Approx. 25V AC |



### CD100A

|                |                                      |
|----------------|--------------------------------------|
| Sensitivity    | 50 ppm                               |
| Tic adjustment | Fully adjustable thumbwheel          |
| Tic indication | Flashing LED                         |
| Battery        | 9 volt alkaline, 5 hours typical use |
| Sensor         | Solid state semiconductor            |
| Dimensions     | 8" x 4" x 1-1/2"                     |
| Weight         | 15 oz.                               |

### EM201B

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Measurement range: | -60" to +60" Water column<br>-100 to +100 mBar               |
| Accuracy:          | $\pm 0.02$ "WG < 2" wc<br>$\pm 1\%$ RDG > 2" wc              |
| Resolution:        | 0.001" -9.999" to +9.999" wc<br>0.01" for < -10" or > +10"wc |
| Operating range:   | 32 ° -104 °F (0 ° - 40 °C),<br>10 - 90% RH Non-condensing    |
| Battery Life:      | 40 hours min with alkaline battery                           |

### Pressure Conversions

| Multiply   | BY    | To Get  |
|------------|-------|---------|
| 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 | 25.4  | mmH2O   |

### PDT550

|                   |                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Range | -58° to 572°F (-50 to +300°C)                                                                                                                              |
| Accuracy          | $\pm 1.8^\circ\text{F}$ or $\pm 1^\circ\text{C}$ in the range of<br>-22 to 302°F/ -30 to 150°C<br>otherwise $\pm 4^\circ\text{F}$ or $\pm 2^\circ\text{C}$ |
| Resolution        | 0.1° to 19.9° ~ +199.9° otherwise 1°                                                                                                                       |
| Update Rate       | Approximately 1 second                                                                                                                                     |
| Auto Power Off    | Approximately 1 hour                                                                                                                                       |
| Certification     | CE and NSF listed                                                                                                                                          |
| Battery           | UEi # AB13 (SR44W)                                                                                                                                         |

### Downloads



Data Sheet



Sell Sheet



TACK10



TACK20



TACK30