Test and Check Kit
TACK10/ TACK20/ TACK30

3 convenient kits for quick checks and testing

Test & Check Professional Kit
TACK30



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 Ressolution 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

TACK Kits - Plumbing

A. Clamp Pipe Adapter Uses

For commercial application - Being able to tell the temperature of water inside a pipe. Checking/verifying the reading on a mechanical temperature gauge to see if it's accurate. Also checking temperatures in pipes in general.

B. Combustible Leak Detector Uses

New install checking gas connections, repair work and finding gas leaks

C. Manometer Uses

With gas Water Heaters. The first question asked when calling service is what is static pressure (Pressure while not running). Second is dynamic pressure (pressure while operating). If static is to low, it's a problem. If difference between static and dynamic is to great of a water column/water gauge pressure drop. That is also a problem.

D. Clamp Meter Uses

Checking line voltage (garbage disposal, Tankless water heater, dishwashers (Do I have 110 or 220V power)

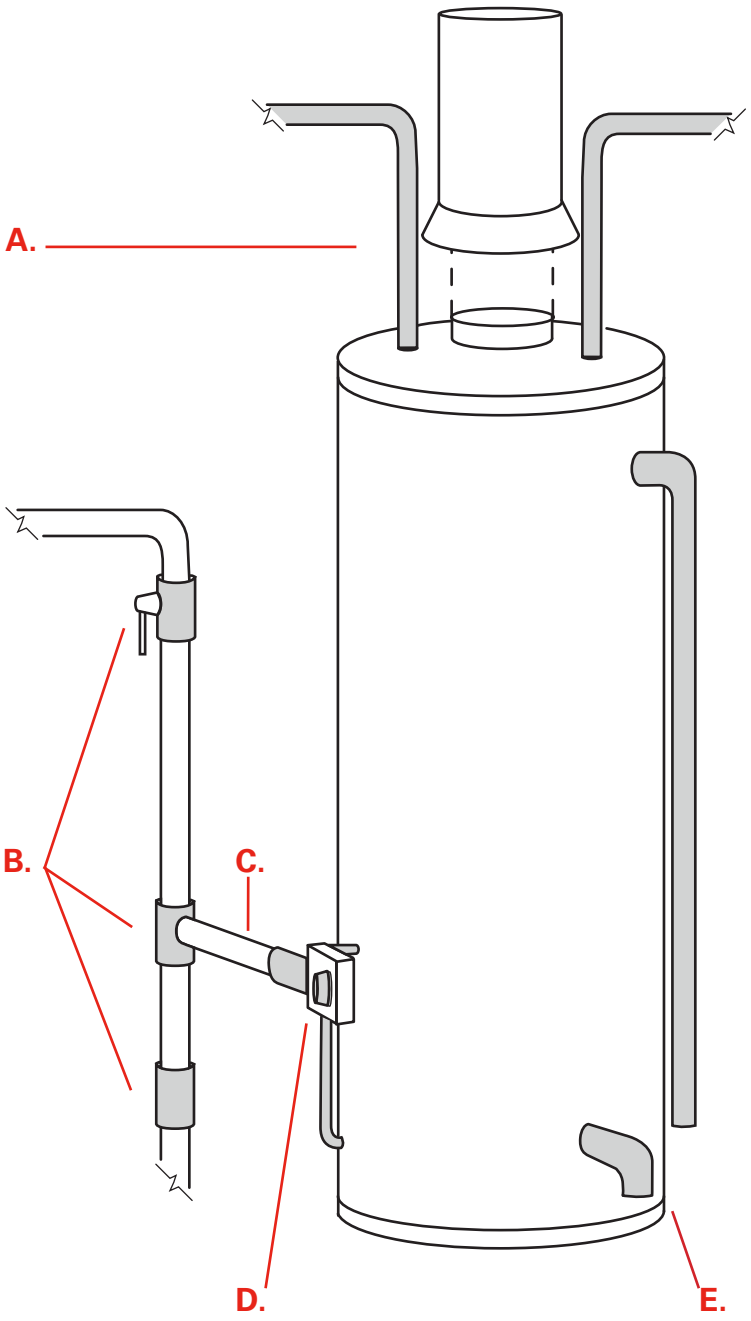
Checking low voltage (gas valve, any type milliampmicroamp application)

Checking continuity (A prover switch on a commercial Water Heaters. High limit switch on a

Tankless water heater, fusible link on a Tankless water heater, is a circuit open or closed)

E. Thermometer Uses

Water proof. When setting a mixing valve. You go to the closest hot water outlet. Put the thermometer in the water stream and set the mixing valve correctly. Probably 120 degrees. Same thing when setting shower valves. Water proof because you put in water stream. Any general use where water temperature needs to be measured.



Test and Check Kit
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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		
60MΩ	0.01MΩ	±(1.2% +3 dgts)	

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% 60Hz to 400Hz	0.1%	±(0.2% per kHz +2.0% +2 dgts)	600V RMS
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 themocople accuaracy
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		
40MΩ	0.01MΩ	±(1.5% +5 dgts)	

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

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

Pressure Conversions

Multiply	BY	To Get
In. of H20	1.868	mmHG
In. of H20	0.074	In HG
In. of H20	0.249	kPa
In. of H20	249.1	Pascals
In. of H20	2.491	mBar
In. of H20	0.036	PSI
In. of H20	25.4	mmH20

PDT550

Temperature Range	-58˚ to 572˚F (-50 to +300˚C)
Accuracy	+/- 1.8°F or +/- 1°C in the range of -22 to 302˚F/ -30 to 150˚C otherwise +/-4˚F or +/-2˚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)

PlumbersStock

UEi Products

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