



- ✓ **Essential Tests for HVAC/R Professionals**
- ✓ **Wireless To Free APP**
- ✓ **Backed By 2-Year Warranty**



— BACKED BY —  
**Uei**  
**QUALITY**

**2**  
YEAR  
WARRANTY



### Functions

- True RMS
- Voltage 750AC/1000DC
- Amperage 400AC
- Capacitance 4000μF
- Resistance 40MΩ
- Continuity
- Diode Test
- 2000μA DC
- Temperature (K-type input)  
-328 to 2462°F
- LRA inrush
- Low Z (Low Impedance)
- Frequency 99.99HZ-99.99KHZ
- Duty cycle
- Non-Contact Voltage Detection  
(LED & Audible)

### Features

- Wireless to app
- Dual display
- Backlight
- Easy access battery  
latches
- Test lead storage
- Magnetic mount/strap
- High voltage alert
- Auto Calibration
- Min/Max/Avg/Hold
- Auto & Manual Ranging
- Auto power off
- Low battery warning
- Includes NEW Pouch design  
with more space and a  
zippered accessory pocket

### Wireless Capability

**SCAN FOR FREE APP Uei HUB**



Operate meter, graph, log and email results from App.

DESIGNED BY  
MADE BY  
BACKED BY  
**Uei**

**2** yr. warranty  
ETL  
600V CAT IV 1000V CAT III  
RoHS Compliant  
FCC IP42  
CE REACH Compliant



### Includes

- Silicone Test Leads (ATL58)
- Alligator Clips (AAC3)
- Temperature Probes K-type (ATT29)
- Zippered Pouch (AC670)
- Batteries AAA (4)
- Certificate of Conformity



## Specifications

### AC Amps Measurement - <400A Jaw

| Range  | Resolution | Accuracy      | Overload Protection |
|--------|------------|---------------|---------------------|
| 40.00A | 0.01A      | ±2.0% + 8dpts | 600V RMS            |
| 400.0A | 0.1A       |               |                     |

45Hz to 400Hz True RMS

Minimum Current for Clamp Measurement: 0.1A

### DC Microamps Measurement - <2000μA

| Range   | Resolution | Accuracy      | Overload Protection |
|---------|------------|---------------|---------------------|
| 400.0μA | 0.1μA      | ±1.2% + 3dpts | 600V RMS            |
| 2000μA  | 1μA        |               |                     |

### DC Volts Measurement

| Range   | Resolution | Accuracy       | Overload Protection |
|---------|------------|----------------|---------------------|
| 400.0mV | 0.1mV      | ±0.5% + 4dgts  | 1000V RMS           |
| 4.000V  | 0.001V     |                |                     |
| 40.00V  | 0.01V      |                |                     |
| 400.0V  | 0.1V       |                |                     |
| 1000V   | 1V         | ±0.8% + 10dgts |                     |

### AC Volts Measurement

| Range   | Resolution | Accuracy      | Overload Protection |
|---------|------------|---------------|---------------------|
| 400.0mV | 0.1mV      | ±2.0% + 5dpts | 750V RMS            |
| 4.000V  | 0.001V     |               |                     |
| 40.00V  | 0.01V      |               |                     |
| 400.0V  | 0.1V       |               |                     |
| 750V    | 1V         |               |                     |

True RMS: 45Hz to 400Hz

### Resistance Measurement

| Range   | Resolution | Accuracy      | Overload Protection |
|---------|------------|---------------|---------------------|
| 400.0Ω  | 0.1Ω       | ±1.0% + 4dgts | 600V RMS            |
| 4.000kΩ | 0.001kΩ    |               |                     |
| 40.00kΩ | 0.01kΩ     |               |                     |
| 400.0kΩ | 0.1kΩ      |               |                     |
| 4.000MΩ | 0.001MΩ    | ±2.0% + 4dgts |                     |
| 40.00MΩ | 0.01MΩ     |               |                     |

### Diode Test

| Range | Open Circuit Voltage | Test Current (Typical) | Overload Protection |
|-------|----------------------|------------------------|---------------------|
| 6.0V  | < 3.0V DC            | 0.25mA                 | 600V RMS            |

### Capacitance Measurement

| Range   | Resolution | Accuracy     | Overload Protection |
|---------|------------|--------------|---------------------|
| 40.00nF | 0.01nF     | 3.5% + 6dpts | 600V RMS            |
| 400.0nF | 0.1nF      |              |                     |
| 4.000μF | 0.001μF    |              |                     |
| 40.00μF | 0.01μF     |              |                     |
| 400.0μF | 0.1μF      |              |                     |
| 4000μF  | 1μF        |              |                     |

**WARNING** To avoid damaging the meter or equipment under test, safely discharge Capacitors before measuring capacitance. Large value capacitors should be discharged through an appropriate resistance load. Use the DC Voltage function to confirm the capacitor discharge.

### Temperature Measurement

| Range                                 | Resolution       | Accuracy                           | Overload Protection |
|---------------------------------------|------------------|------------------------------------|---------------------|
| -328° to 999°F<br>(-200° to 999°C)    | 0.1°F<br>(0.1°C) | ±(1.0% + 3.6°F)<br>±(1.0% + 2.0°C) | 30V RMS             |
| 1000° to 2462°F<br>(1000°C to 1350°C) | 1°F<br>(1°C)     | ±(1.0% + 3°F)<br>±(1.0% + 2°C)     |                     |

### Frequency Measurement - Test lead input

| Range    | Resolution | Accuracy     | Overload Protection |
|----------|------------|--------------|---------------------|
| 99.99Hz  | 0.01Hz     | 0.1% + 4dpts | 1000V RMS           |
| 999.9Hz  | 0.1Hz      |              |                     |
| 9.999kHz | 0.001kHz   |              |                     |
| 99.99kHz | 0.01kHz    |              |                     |

Minimum Frequency: 0.5Hz, DC V offset should be zero

Sensitivity: 1.6 Vrms

### Duty(%) Cycle Measurement - Test lead input

| Range        | Accuracy                        | Overload Protection |
|--------------|---------------------------------|---------------------|
| 1.0 to 99.0% | ±(0.2% per kHz + 0.1% + 5 dpts) | 1000V RMS           |

### Audible Continuity Measurement

| Open circuit voltage < 1.00V | Overload Protection |
|------------------------------|---------------------|
| Threshold Approx : < 40Ω     | 600V RMS            |

### Non-Contact Voltage

| On Voltage     |
|----------------|
| Approx. 24V AC |

## Downloads



Manual



Data Sheet



0 53533 51002 7  
Made in KOREA