



Limited Time Commemorative Edition



BACKED BY
UEi
QUALITY

2
YEAR
WARRANTY



- ✓ **High Amp Accuracy for HVAC/R Pros**
- ✓ **Power Factor Measurements**
- ✓ **Wireless To Free App UEi HUB**

Functions

- True RMS
- Power Factor (W, VA, & VAR)
- Watts
- Voltage 750AC/1000DC
- Amperage 200AC
- Capacitance 6000μF
- Resistance 60MΩ
- Microamps 2000μA DC
- Continuity
- Diode Test
- 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
- Worklight
- 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
- Input jack safety lock
- Includes NEW Pouch design with more space and a zippered accessory pocket

Wireless Capability

SCAN FOR FREE APP **UEi HUB**



Remote measurements, graph, log and email results from App.

Commemorative Edition!

- Celebrating USA's 250th Anniversary
- Black edition with USA 250th icon on meter and carrying pouch
- Only available in 2026!



DESIGNED BY
MADE BY
BACKED BY
UEi

0 53533 51003 4
Made in South Korea

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



Includes

- Silicone Test Leads (ATL70)
- Back Probe Leads (ABP3)
- Alligator Clips (AAC3)
- Temperature Probe K-type (ATT29)
- Zippered Pouch (AC570)
- Batteries AAA (4)
- Certificate of Conformity



Specifications

AC Amps Measurement - <200A Jaw

Range	Resolution	Accuracy	Overload Protection
20.00A	0.01A	±1.5%+8 dgts (50~60Hz), ±1.8%+8 dgts (45~50Hz & 60~400Hz)	600V RMS
200.0A	0.1A		

45Hz to 400Hz True RMS Minimum Current for Clamp Measurement: 0.1A

DC Microamps Measurement - <2000μA

Range	Resolution	Accuracy	Overload Protection
600.0μA	0.1μA	±1.2%+3dgts	600V RMS
2000μA	1μA		

DC Volts Measurement 1000V

Range	Resolution	Accuracy	Overload Protection
600.0mV	0.1mV	±0.5%+4dgts	1000V RMS
6.000V	0.001V		
60.00V	0.01V		
600.0V	0.1V		
1000V	1V	±0.8%+10dgts	

AC Volts Measurement 750V

Range	Resolution	Accuracy	Overload Protection
600.0mV	0.1mV	±2.0%+5dgts	750V RMS
6.000V	0.001V		
60.00V	0.01V		
600.0V	0.1V		
750V	1V		

True RMS: 45Hz to 400Hz

Resistance Measurement

Range	Resolution	Accuracy	Overload Protection
600.0Ω	0.1Ω	±1.0%+4dgts	600V RMS
6.000kΩ	0.001kΩ		
60.00kΩ	0.01kΩ		
600.0kΩ	0.1kΩ		
6.000MΩ	0.001MΩ	±2.0%+4digits	
60.00MΩ	0.01MΩ		

Capacitance Measurement

Range	Resolution	Accuracy	Overload Protection
60.00nF	0.01nF	±3.5% + 6dgts	600V RMS
600.0nF	0.1nF		
6.000μF	0.001μF		
60.00μF	0.01μF		
600.0μF	0.1μF		
6000μF	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.

Power Factor

Range	Resolution	Accuracy	Overload Protection
-1.00 to -0.30 and 0.30 to 1.00	0.01	±5.0% +5 dgts >10A ±10.0% +5 dgts < 10A	750V RMS

*Measurement range of W, VAr, VA, PF. Voltage Range : 20V to 750Vrms Current Range : 0.1A to 200Arms

Active Power (W)

Range	Resolution	Accuracy	Overload Protection
1500W	1W	±5.0% +5 digits > 10A, ±10.0% + 5 digits < 10A	750V RMS
15.00KW	0.01KW		
150.0KW	0.1KW		

Apparent Power (VA)

Range	Resolution	Accuracy	Overload Protection
1500VA	1VA	±5.0% + 5 digits	750V RMS
15.00KVA	0.01KVA		
150.0KVA	0.1KVA		

Reactive Power (VAr)

Range	Resolution	Accuracy	Overload Protection
1500VAr	1VAr	±5.0% +5 digits > 10A, ±10.0% + 5 digits < 10A	750V RMS
15.00KVAr	0.01KVAr		
150.0KVAr	0.1KVAr		

Diode Test

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

Audible Continuity Measurement

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

Non-Contact Voltage

On Voltage
Approx. 24V AC

Temperature Measurement

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

Frequency Measurement - Test lead input

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz	0.1% + 4dgts	750V 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 dgts)	750V RMS