



Need Preventative Motor Maintenance Testing In Your Clamp Meter?



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UEI
QUALITY

2
YEAR
WARRANTY



Functions

- 3-Phase Motor Rotation
- Motor Unbalanced Test
- Low Pass Filter
- 1000V AC/DC
- 600A AC/DC
- 2000 μ A
- 60M Ω Resistance
- Capacitance 9999 μ F
- Diode/Continuity
- Temperature: -342° to 2462°F
- Frequency/Duty Cycle
- LRA Inrush
- Low Z
- NCV Detection

Features

- Min/Max/Avg
- Hold
- Visible high-voltage alert
- Auto Volts & Amp selection
- Backlit Dual Display and Worklight
- Built-in Magnet w/ hanging strap
- Auto/Manual ranging
- Input Jack Lock
- Battery compartment latches
- Test Lead Storage
- Over molded grip
- Auto calibration
- Auto Power Off
- Low Battery Indicator



Application

- Test 3-Phase motor rotation, unbalanced load, mini-splits, circuits in Molex plugs, and diode malfunctions.
- Measures capacitance, voltage, microamps, circuit continuity, resistance, and temperature via K-Type thermocouples.
- Flame sensing. Check system boards and live wires.



Includes

- Free App (Android™ and iOS®)
- Silicone Test Leads (ATL58)
- Back Probe Leads (ABP3)
- Alligator Clips (AAC3)
- 2 Thermocouples (ATT29)
- Batteries 4 (AAA)
- Soft Case (AC560)
- Manual



Specifications

DC Amps Measurement - Jaw input

| Range | Resolution | Accuracy | Overload Protection |
|--------|------------|---------------|---------------------|
| 60.00A | 0.01A | ±2.0% + 5dgts | 600V RMS |
| 600.0A | 0.1A | ±1.8% + 5dgts | |

Minimum Current for Clamp Measurement: 0.2A

AC Amps Measurement - Jaw input

| Range | Resolution | Accuracy | Overload Protection |
|--------|------------|---------------|---------------------|
| 60.00A | 0.01A | ±2.0% + 5dgts | 600V RMS |
| 600.0A | 0.1A | ±1.8% + 5dgts | |

45Hz to 400Hz True RMS

Minimum Current for Clamp Measurement: 0.3A

DC Low Amps Measurement - Test lead input

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

AC Low Amps Measurement - Test lead input

| Range | Resolution | Accuracy | Overload Protection |
|---------|------------|---------------|---------------------|
| 600.0uA | 0.1uA | ±1.5% + 3dgts | 600V RMS |
| 2000uA | 1uA | | |

45Hz to 400Hz True RMS

DC Volts Measurement

| 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% + 5dgts | |

AC Volts Measurement

| Range | Resolution | Accuracy | Overload Protection |
|---------|------------|---------------|---------------------|
| 600.0mV | 0.1mV | ±1.0% + 3dgts | 1000V RMS |
| 6.000V | 0.001V | | |
| 60.00V | 0.01V | | |
| 600.0V | 0.1V | | |
| 1000V | 1V | | |

45Hz to 400Hz True RMS

Ohms Measurement

| Range | Resolution | Accuracy | Overload Protection |
|---------|------------|---------------|---------------------|
| 600.0Ω | 0.1Ω | ±0.8% + 3dgts | 600V RMS |
| 6.000kΩ | 0.001kΩ | | |
| 60.00kΩ | 0.01kΩ | | |
| 600.0kΩ | 0.1kΩ | | |
| 6.000MΩ | 0.001MΩ | ±1.2% + 3dgts | |
| 60.00MΩ | 0.01MΩ | | |

Diode Test

| Range | Open Circuit Voltage | Test Current (Typical) | Overload Protection |
|-------|----------------------|------------------------|---------------------|
| 3.1V | < 3.2V DC | 0.25mA | 600V RMS |

Capacitance Measurement

| Range | Resolution | Accuracy | Overload Protection |
|---------|------------|--------------|---------------------|
| 10.00nF | 0.01nF | 2.5% + 5dgts | 600V RMS |
| 100.0nF | 0.1nF | | |
| 1.000uF | 0.001uF | | |
| 10.00uF | 0.01uF | | |
| 100.0uF | 0.1uF | 3.0% + 5dgts | |
| 9999uF | 1uF | | |

Temperature Measurement

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

Sensor: "K" Type Thermocouple, sensor accuracy not included

Frequency Measurement - Test lead input

| Range | Resolution | Accuracy | Overload Protection |
|----------|------------|--------------|---------------------|
| 99.99Hz | 0.01Hz | 0.1% + 3dgts | 1000V RMS |
| 999.9Hz | 0.1Hz | | |
| 9.999kHz | 0.001kHz | | |
| 99.99kHz | 0.01kHz | | |

Sensitivity: 1.8Vrms

Frequency Measurement - Jaw input

| Range | Resolution | Accuracy | Overload Protection |
|---------|------------|--------------|---------------------|
| 999.9Hz | 0.1Hz | 0.5% + 5dgts | 600V RMS |
| 1999Hz | 1Hz | | |

Duty(%) Cycle Measurement

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

Audible Continuity Measurement

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

Downloads



Manual



Data Sheet

