



True RMS Dual Display Clamp Meter with Temperature



Functions

- True RMS
- 750V AC
- 1000V DC
- 400A AC
- Temperature range: -22° to 752°F (-30° to 400°C)
- Capacitance: 4000 μ F
- AC/DC low amps: 2000mA
- Frequency 199.9KHz
- Duty cycle: 99%
- Resistance: 40M Ω
- Hi-NCV-Lo
- Diode Test
- Continuity

Features

- Dual Display
- Input jack locks
- Worklight
- Backlit display
- Auto/manual ranging
- Min/Max
- Test lead storage
- Magnetic mount
- User temperature calibration
- Auto power off
- Degree °F or °C
- Low battery indicator
- Test lead holder on clamp
- 2-Year limited warranty

Includes

- Test leads (ATL55)
- K-Type temperature probe
- 2 (AAA) batteries
- Manual
- Pouch



Applications

- Measure distorted and non-distorted sine waves
- Measure linear electrical loads
- Control voltage or system board checks
- Circuit continuity or specified resistance
- Motor run or fault starts
- Quick check of live wires
- Diode test malfunctions/ unbroken paths





Specifications

DC Low Amps

| Range | Resolution | Accuracy | Overload Protection |
|--------|------------|------------------|---------------------|
| 400μA | 0.01μA | ± (1.2% +3 dgts) | 2000μA/600V RMS |
| 2000μA | 0.1μA | | |

45Hz to 400Hz True RMS (crest factor <3:1)

AC Low Amps - test lead input

| Range | Resolution | Accuracy | Overload Protection |
|--------|------------|------------------|---------------------|
| 400μA | 0.01μA | ± (2.0% +5 dgts) | 2000μA/600V RMS |
| 2000μA | 0.1μA | ± (1.5% +5 dgts) | |

AC Volts

| Range | Resolution | Accuracy | Overload Protection |
|-------|------------|------------------|---------------------|
| 400mV | 0.1mV | ± (2.0% +5 dgts) | 750V RMS |
| 4V | 1mV | | |
| 40V | 10mV | | |
| 400V | 100mV | | |
| 750V | 1.0V | | |

DL389B 45Hz to 1kHz True RMS (crest factor <3:1)

DC Volts

| Range | Resolution | Accuracy | Overload Protection |
|-------|------------|--------------------|---------------------|
| 400mV | 0.1mV | ± (0.5% +4 dgts) | 1000V RMS |
| 4V | 1mV | | |
| 40V | 10mV | | |
| 400V | 0.1V | | |
| 1000V | 1V | ± (0.8% + 10 dgts) | |

Resistance

| Range | Resolution | Accuracy | Overload Protection |
|-------|------------|------------------|---------------------|
| 400Ω | 100mΩ | ± (1.0% +4 dgts) | 600V RMS |
| 4kΩ | 1Ω | | |
| 40kΩ | 10Ω | | |
| 400kΩ | 100Ω | | |
| 4MΩ | 1kΩ | ± (2.0% +4 dgts) | |
| 40MΩ | 10kΩ | | |

Frequency

| Range | Resolution | Accuracy | Overload Protection |
|----------|------------|------------------|---------------------|
| 99.99Hz | 0.01Hz | ± (0.1% +4 dgts) | 600V RMS |
| 999.9Hz | 0.1Hz | | |
| 9.999kHz | 1Hz | | |
| 99.99kHz | 10Hz | | |
| 199.9kHz | 100Hz | | |

Minimum Frequency: 0.5Hz, DC V offset should be zero
Sensitivity: > 10% of each AC volt range except 4V (>20%) range only

Duty Cycle

| Range | Accuracy | Overload Protection |
|--------------|--------------------------------|---------------------|
| 0.1 to 99.0% | ± (0.2% per kHz +0.1%) +5 dgts | 600V RMS |

0.5Hz to 100kHz (pulswidth > 2μ sec)

Diode Test

| Range | Open Circuit V | Test Current | Overload Protection |
|-------|----------------|--------------|---------------------|
| 2.0V | <1.6V DC | 0.25mA | 600V RMS |

Capacitance

| Range | Resolution | Accuracy | Overload Protection |
|--------|------------|------------------|---------------------|
| 40nF | 0.01nF | ± (3.5% +6 dgts) | 600V RMS |
| 400nF | 0.1nF | | |
| 4μF | 0.001μF | | |
| 40μF | 0.01μF | | |
| 400μF | 0.1μF | | |
| 4000μF | 1μF | | |

Continuity

| Open Circuit Voltage | Overload Protection |
|----------------------|---------------------|
| <0.44V | 600V RMS |

Threshold approx. <50Ω

Temperature

| Range | Resolution | Accuracy | Overload Protection |
|---------------------------------|---------------|--------------------------------------|---------------------|
| -22° to 14°F (-30° to -10°C) | 0.1°F (0.1°C) | ± (1.0% + 5.4°F) ± (1.0% + 3.0°C) | 30V RMS |
| 15° to 752°F (-9° to 400°C) | | ± (1.0% + 3.6°F) ± (1.0% + 2.0°C) | |

Downloads



Manual



Data Sheet



Made in KOREA