

DCM 040A Leak Clamp Meter (True RMS)



- True RMS measurement for stable readings
- Ergonomic design for easy handling
- Auto power-off function to extend battery life
- Low battery indication to alert users for replacement
- Overload protection for safe usage

The TECPEL DCM-040A Leak Clamp Meter is designed for precise measurement of voltage and current, featuring True RMS measurement to ensure accurate readings in various environments. This device is suitable for industrial and maintenance applications, with an ergonomic design for easy operation during prolonged use.

Measurement Specification

- AC mA: Range: 6.000 mA / 60.00 mA, Resolution: 0.001 mA / 0.01 mA, Accuracy at 50-60Hz: $\pm 1.0\%$ + 8 dgts
- ACA: Range: 6.000 A / 60.00 A, Resolution: 0.001 A / 0.01 A, Accuracy at 50-60Hz: $\pm 1.0\%$ + 5 dgts
- ACV: Range: 60.00 V / 600.0 V, Resolution: 0.01 V / 0.1 V, Accuracy: $\pm 1.0\%$ + 3 dgts
- DCV: Range: 60.00 V / 600.0 V, Resolution: 0.01 V / 0.1 V, Accuracy: $\pm 1.0\%$ + 2 dgts
- Resistance: Range: 600.0 Ω / 6.000 k Ω , Resolution: 0.1 Ω / 0.001 k Ω , Accuracy: $\pm 1.0\%$ + 2 dgts
- Continuity Test: Buzzer Condition: $< 45 \Omega$
- Display: 4-digit LCD
- Maximum Reading: 5000 counts
- Sampling Rate: 2 times per second
- Power Requirements: 1.5V AAA battery $\times 2$
- Auto Power Off: Automatically powers off after 30 minutes of inactivity
- Maximum Jaw Opening: $\varnothing 23 \text{ mm}$

Product Features

- Polarity Display: yes
- Low Battery Indicator: yes
- Low Pass Filter: yes
- Auto Power Off: Cancellable
- Zero Correction: Automatic zeroing below approximately 0.006 mA
- Low-Pass Filter: Available in AC mA and ACA modes for more stable measurement results
- Polarity Indication: Yes
- Low Battery Indication: Yes
- Overload Indication: Yes
- Zero Correction: Yes, automatically calibrated for fractions smaller than 0.006 mA
- Low Pass Filter: Applicable for AC mA and ACA measurements

Attributes

- Dimensions: 207 $\times$ 76 $\times$ 34.5 mm
- Weight: Approx. 282 g
- Accessories: Carrying case, batteries, test leads, user manual
- Operating Environment: Temperature 0 $\sim$ 50°C, Humidity $< 70\%$ RH
- Storage Environment: Temperature -20 $\sim$ 60°C, Humidity $< 80\%$ RH