



## Tecpel Model DCM-040 AC Leakage Current Tester

**Sale Price      => \$190 plus GST**



1. Accurate AC digital clamp meter for leakage current measurement.
2. 10 $\mu$ A high resolution on 40mA range.
3. Shield transformer jaws to minimize the effect of external stray magnetic field.
4. Large jaw with 30 mm diameter.
5. Five Ranges (40mA, 400mA, 4A, 40A, 60A) for all application.
6. A filter circuit is designed to eliminate the effect of high frequency noise and harmonics for AC current measurement.
7. Large 3 3/4 digits LCD
8. Fast bargraph display (20 times/sec.) for transient observation.
9. Continuity and frequency measurements.
10. Max/Min, Data Hold functions, and Relative Measurement.
11. 600V overload protection for ohm measurement.
12. Easy single rotary switch for any function selection.

- Specifications:
  - Specifications(23°C±5°C)
  - AC Current:
  - Accuracy Remarks
  - Range Resolution 50/60 Hz Wide
  - (40 - 1KHz)
  - 40mA 10μA ±1.0%±3dgts ±2.0%±5dgts
  - 400mA 100μA ±1.0%±3dgts ±2.0%±5dgts
  - 4A 1mA ±1.0%±3dgts ±2.0%±5dgts
  - 40A 10mA ±1.0%±3dgts ±2.0%±5dgts
  - 60A(0-50A) 100mA ±1.5%±3dgts ±3.0%±5dgts
  - 60A(50 - 60A) (1) 100mA ±3.0%±5dgts ±3.5%±5dgts
  - 1)Though the meter can display up to 400A, it is not calibrated beyond 60A
- AC Voltage:(Input Impedance: 10MΩ)
  - AC Voltage:(Input Impedance: 10MΩ)
  - Accuracy Overload Protection
  - Range Resolution 50/60 Hz 40 - 1KHz
  - 400V 0.1V ±1.5%±2dgts ±2.0%±4dgts AC 800V
- Resistance (Ω) and Continuity:
  - Resistance (Ω) and Continuity:
  - (open voltage 0.4V)
  - Range Resolution Accuracy Beeping OL Protection
  - 40-400Ω 0.1Ω
  - ±1.0%±2dgts < 38.0 ΩAC 600 V
- General Specification
  - General Specification Conductor Size: 30mm max. (approx.)
  - Battery Type: two 1.5V SUM-3
  - Display: 3 3/4 LCD with 40 seg. bargraph
  - Range Selection: manual
  - Overload Indication: left most digit blinks
  - Power Consumption: 10 mA (approx.)
  - Low battery Indication:
  - Sampling Time: 2 times/sec. (display)
  - 20 times/sec. (bargraph)
  - Operating Temperature: -10°C to 50°C
  - Operating Humidity: less than 85% relative
  - Storage Temperature: -20°C to 60°C
  - Storage Humidity: less than 75% relative
  - Altitude up to 2000M
  - Dimension: 210mm (L) x 62.0mm (W) x 35.6mm (H)
  - 8.3" (L) x 2.4" (W) x 1.4" (H)
  - Weight: 200g (battery included)
  - Accessories: Carrying bag x 1
  - Users manual x 1
  - 1.5V battery x 2