

CP Series with LCD Display

AC/DC CLAMP METERS

Our new **CP Series** of AC/DC clamp meters are based on Hall Effect principle. These clamp meters use a new patented magnetic core design giving higher external magnetic field rejection, resulting in an improved overall performance. The CP range comprises 3 different jaw sizes / openings (12, 25 and 32 mm) giving flexibility and easy access to conductors within confined areas.

CP Series are suitable to measure AC, DC and complex waveforms with True RMS and Average responding rms calibrated versions over a frequency range of DC to 400Hz. Different models are available with 4/40 A, 40/60 A, and 40/400 A ranges with a 4000 count LCD display

Key advantages are:

- Ø Non-intrusive DC and AC current measurement up to 400 A
- Ø Excellent overall accuracy, wide dynamic range
- Ø Auto ranging, Auto Power off and Auto Zero
- Ø 1mA resolution for the measurement of leakage currents
- Ø Display Hold mode for convenience in use
- Ø Design allows easy access to restricted areas
- Ø Superior external field rejection
- Ø Improved conductor position sensitivity
- Ø Analogue output for Waveform Analysis (CP61)

Other current ranges or specific features (e.g. jaw status indication Open-Close) can be offered optimised to your specific application and requirements.

Typical Applications:

- Ø Electrical maintenance, repair and machine installation and start up applications
- Ø Analysis of leakage currents or cranking current in cars or trucks
- Ø Installation and maintenance of solar panels
- Ø 4 – 20mA current loop testing in process control applications
- Ø Control of inverter currents with high clock rates
- Ø Automotive Applications:
 - Stand alone battery leakage current measurements
 - Detection of ECU (**E**lectronic **C**ontrol **U**nit) sleep mode requiring high accuracy and superior resolution



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