



ECC01





ECC01

Current Clamp



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ECC01 is an EV circuit system testing tool that supports DC voltage, DC current, and AC current testing. It can complete circuit testing in a non-contact manner under power-on conditions.

-  **Simple and Safe**
-  **Fast and Accurate**
-  **Stable Data**
-  **Compact and Portable**



Features

1. Non-contact DC test, which can be detected when power is on, simple and safe;
2. Anti-electromagnetic interference, providing stable and reliable measurement data;
3. Automatically select the range, combined with the noise reduction algorithm, fast and accurate measurement;
4. Ergonomic design, small and portable.

Functions (Need to be used with P01/P03/ST13/ST10 and other equipment)

1. Support DC voltage/current test, dual-mode display;
2. Support AC current test;
3. Support range selection;
4. Support real-time display of measured value, maximum value, minimum value, peak-to-peak value;
5. Support measurement waveform saving and playback.



Usage Scenarios of ECC01

Parameters

Test functions	DC test, DC voltage test, and AC test	Accuracy	$\pm 3\%FS$ ($23^{\circ}C \pm 5^{\circ}C$, below 75%rh)
Battery	9V dry cell	Phase error	$\leq 3^{\circ}$ (AC50Hz / 60Hz, $23^{\circ}C \pm 2^{\circ}C$)
Current test methods	Clamp CT, non-contact measurement	Zero-setting	Adjust the ZERO key for zero setting
Jaw dimension	$\phi 16\text{ mm} \times 18\text{ mm}$	Frequency response	DC~ 50kHz
Input measuring range	0~200A AC/DC	Working current	500mA
Resolution	1mA AC/DC	Working temperature	0~50°C
Output gear	10mV/A (0~20 A), 100 mV/A(0~200 A)	Size	278×71×37 mm