



**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     |
| Battery               | 9V dry cell                               |
| Current test methods  | Clamp CT, non-contact measurement         |
| Jaw dimension         | $\phi 16 \text{ mm} \times 18 \text{ mm}$ |
| Input measuring range | 0~200A AC/DC                              |
| Resolution            | 1mA AC/DC                                 |
| Output gear           | 10mV/A (0~20 A), 100 mV/A(0~200 A)        |

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Accuracy            | $\pm 3\% \text{FS}$ ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , below 75%rh) |
| Phase error         | $\leq 3^{\circ}$ (AC50Hz / 60Hz, $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ )   |
| Zero-setting        | Adjust the ZERO key for zero setting                                            |
| Frequency response  | DC~ 50kHz                                                                       |
| Working current     | 500mA                                                                           |
| Working temperature | 0~50°C                                                                          |
| Size                | 278×71×37 mm                                                                    |