

BATTERY TESTER

PCE-BTE 10



- » **Starter and charging system test (12V / 24V)**
- » **For lead-acid, AGM, gel and EFB batteries**
- » **Rapid detection of faulty batteries**
- » **2.4-inch TFT color display (240 × 320 pixels)**
- » **Measuring range: 8 ... 30V DC / 100 ... 2000 A**
- » **Test standards: CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB**
- » **USB data transfer**

The Battery tester uses advanced conductance measurement to determine the condition of vehicle batteries quickly and accurately. This Battery tester is suitable for all common lead-acid batteries, including standard, AGM, gel and EFB batteries, and enables direct detection of faulty batteries without prior full charging. In addition to the classic battery test, the Battery tester offers comprehensive tests of the starter and charging system for 12 V and 24 V applications, including reliable ripple measurement for analyzing charging quality.

The measured results are clearly displayed on a 2.4-inch TFT color display with a resolution of 240 × 320 pixels, making all relevant data easy to read. The Battery tester has a measuring range of 8V ... 30V DC and 100 ... 2000 A, and supports numerous international battery test standards such as CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE and GB. For efficient documentation, the test results can be transferred via the integrated USB interface and saved as a csv file. The measured value can also be transferred to an Android terminal device via a QR code.

The waveform display enables monitoring of the battery voltage and can also be transferred to the PC software. The Battery tester is equipped with integrated reverse polarity protection, which ensures safe operation and prevents damage to the device. Designed for professional use in workshops, battery factories and vehicle service, the device operates reliably.

Specification

Direct voltage DC

Measuring range 8 ... 30 V

Resolution 0,01 V

Direct current DC

Measuring range 100 ... 2000 A

Resolution 1 A

General technical data

Cable length 90 cm

Connections Kelvin clamps

Display type TFT colour display

Display size 2,4 in

Display resolution 240 x 320 pixels

Interface Mini-USB

Battery capacities 30 ... 200 Ah

Battery standards CCA, BCI, CA, MAC, JIS, IEC, IN, SAE, GB, DIN

Menu language English, English (GB), Chinese

Protection class (device) IP40

Power supply 8V ... 30V DC (via car battery)

Dimensions (L x W x H) 150 x 80 x 35 mm

Weight 328 g