

# TES-33 Battery Capacity Tester (USB)

## FEATURES

- Test Condition Without Shutting Down Battery.
- Simultaneously Measure Battery Resistance, Voltage, Current, Temperature.
- Auto-hold and Auto-data storage.
- Comparator Function.
- Rates Conditions as Pass, Warning, or Fail.
- Memory and Read Function
- Compact and Lightweight.
- USB PC Interface



## APPLICATIONS

- Storage Battery Systems Battery Capacity Testers,
- Check battery condition in seconds, with the battery in service!

## SPECIFICATION

<b>Battery Types Tested</b>	Compact storage batteries, Alkali and lead-acid batteries..
<b>Battery Capacity</b>	0 to 1200AH
<b>Resistance</b>	Ranges : 4mΩ, 40mΩ, 400mΩ, 4Ω, 40Ω, 400Ω Resolution : 1μΩ, 10μΩ, 100μΩ, 1mΩ, 10mΩ, 100mΩ Accuracy : 4mΩ: ±(3% reading ±20digits) / 40mΩ~400Ω: ±(0.8% reading ±6digits)
<b>Measurement Condition</b>	Current : Approx. 40mA, 4mA, 400μA, 40μA, 4μA Frequency : 1KHz±30Hz
<b>DC Voltage</b>	Range : 6V, 60V Resolution : 1mV, 10mV Accuracy : ±(0.1%rdg ±6digits)
<b>Temperature</b>	Range : -20°C to 60°C (-4°F to 140°F) Resolution : 0.1°C / 0.1°F Accuracy : ±1°C / ±1.8°F
<b>DC Current</b>	Range : 60A, 600A Resolution : 0.01A, 0.1A Accuracy : 60A : ±(2%rdg+20dgt), 600A : ±(2%rdg+2dgt)
<b>Open Circuit Voltage</b>	5V max
<b>Manual Data Memory</b>	999 data sets
<b>Continuous Data Memory</b>	6000 data sets (only use PC download)

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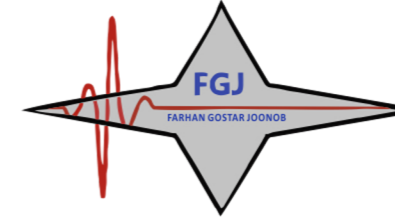
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<b>Comparator</b>	Setting : Resistance upper and lower limits and voltage throughhold limit. Memory : 99 sets of values
<b>Operating Environment</b>	0°C to 40°C (32°F to 104°F), 80%RH or less, non-condensing.
<b>Maximum Input Voltage</b>	60VDC
<b>Power Supply or AC Adapter</b>	Six AA size 1.5V alkaline batteries
<b>Battery Life</b>	5.5 hours
<b>Weight</b>	Approx. 530g including batteries
<b>Dimensions</b>	Approx. 198(L) × 94(W) × 49(H)mm
<b>Accessories</b>	Clip – type test lead with temperature sensor, Pin – type test lead, 3092CP DCA current adaptor, Zero adjustment board, Instruction manual, batteries, AC adaptor, USB cable, CD PC software, Carrying case.

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