

Battery Tester/ACR Meter

Handheld Battery Tester TB-3554 Series

Product description:

TB-3554 portable battery tester is designed for large current and strong anti-interference to provide fast, complete and accurate diagnosis in internal resistance and voltage for backup UPS batteries and lead-acid batteries. Without stopping the instrument, TB-3554 can carry out UPS online measurement and rapid diagnosis of deterioration of the battery much increasing the test efficiency. The built-in automatic data storage function can store up to 2400 sets of data.

TB-3554A/B/D Handheld Internal Battery Tester is high-speed tester for accurate battery internal resistance and voltage test in the battery industry. As handheld tester the 3 models are lighter, smaller than desktop instruments, but their accuracy and speed is comparable to the bench top tester since they use the same circuit design of the classic TB-3563.



TB-3554

TB-3554A/B/D

Features

- TB-3554 series is special for online measurement of UPS battery and TB-3554A/B/D series are precision testers for ordinary batteries.
- Stable design-high resolution, minimum resolution 0.0001mΩ, maximum voltage and automatic trigger voltage 1000V, and the fastest test speed is 100ms.
- Excellent anti-interference performance, when the tester receives back EMF shock, it will automatically cut off the test circuit.
- Using the latest anti-interference technology to effectively reduce the 1/f noise.
- Handheld design, lighter and smaller but the accuracy and speed are comparable to desktop testers.
- Ultra-wide test range, the test voltage range is up to 1000V (TB-3554D only).



Operation display

Specifications

Model	TR-3554	TR-3554A	TR-3554B	TR-3554D
Display	4.3 inch VFD display	4.3 inch TFT-LCD		
Measurement items	ESR, DCV			
Resistance	Accuracy	±1%		
	Range	0.001mΩ ~ 3.10Ω	0.0001mΩ ~ 30.000Ω	
Voltage	Accuracy	±0.05%	±0.02%	
	Range	100μV ~ 60.000V	10μV ~ 100.000V	10μV ~ 300.000V
Signal source	AC 1kHz, Test current: <150mA		AC 1kHz, open circuit voltage : <5V, Test current: <150mA	
Resistance Range	3mΩ/ 30mΩ/ 300mΩ/ 3Ω		3mΩ/ 30mΩ/ 300mΩ/ 3Ω/ 30Ω, Auto and manual test mode in 5-level range	
Sampling rate	1 meas/sec		20 meas/sec, 3 meas/sec	
Temperature	Range:-10°C ~ 60°C, Accuracy: ±1°C			
Correction	Short-circuit reset for all ranges			
Comparator	200 set Warning/Fail/Pass		200 set storage date	
Internal data storage	Store up to 2400 set test data		Store up to 2400 set test data(upgradable to 4800 set)	
Trigger	Internal/auto trigger			
Interface	USB, EXPORT (port execution hold function)			
Power supply	12V/1700mAh lithium battery, AA (LR6) Alkaline Batteries x 8			
Maximum rated power	4VA			
Dimensions	208 mm (L) x120mm (W) x 52.5mm (D),without sleeve,			
Weight	0.81kg			

Ordering Informations

- TR-3554** : 60Vdc/3.1Ω Battery Tester
- TR-3554A** : 100Vdc/30Ω Battery Tester
- TR-3554B** : 300Vdc/30Ω Battery Tester
- TR-3554D** : 1000Vdc/30Ω Battery Tester

Standard Accessories :

- User Manual
- USB mini cable
- Belt
- Four-terminal Test Lead
- Charger