Product Name	GAOTek E1 Lithium Battery Testers
Product SKU	GAOTek-EIT-164
Product URL	https://gaotek.com/product/gaotek-e1-lithium-battery-testers/

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GAOTek E1 Lithium Battery Testers

INTRODUCTION:

The GAOTek E1 Lithium Battery Tester is a handheld instrument controlled by a high-performance 32-bit ARM microprocessor that is fully automated for real-time detection. The instrument can test a resistance of 0.001m Ω to

3.3 Ω, a DC voltage of 0.0001V to 60.000V, and a maximum resistance of 3300 display digits and a maximum voltage of 60000 display digits. The instrument is equipped with a built-in USB-RS232C interface, which can be effectively used for remote control and data acquisition and analysis through data acquisition software.

The instrument uses Applet instrument to enhance the remote-control command set of the computer, and is compatible with SCPI (Standard Command for Programmable Instrument) to efficiently complete remote control and data collection functions.

TECHNICAL SPECIFICATIONS:

Model Name	Type 1		Type 2	
Measurement Range	R：0.001mΩ~3.300Ω V：0.0001~60.000V		R：0.001mΩ	~3.300Ω V：0.0001~200.000V
Parameter	ACresistance, DCvoltage			
Accuracy	R0.5±5dgt	V：0.05%±5dgt		
Signal source	AC：1kHz	open-circuit voltage：<30mV Testcurrent：<15mA		
Range	Automatic, Manual, Nominal, 4ranges			
Test speed	1t/s			
Max display	R：3300	V：60,000	R：3300	V：200,000
Max resolution	R：0.001mΩ	V：0.1mV		
Calibration	Short circuit zero correction for all range			
Trigger	Internal manual remote			
Comparator	Individual voltage comparison; Individual resistance comparison; Voltage resistance combination c			
Test Terminal	4 terminalshielding（2 check& 2drive）Externalshieldground			
Battery parameter	8.4V， 2200mAhLibattery			
Charging time	Max:300Min			
Working time	≥8H			
Interface	Build-in Mini-USB；Charging interface；U disc interface			
Others	3.5-inch color 16M TFT-LCD display；keypad lock data hold functions compatible			

	SCPI order set ; Adjustable backgroundlight ; Autopower-off; 500 setsmeasured datasavewithonekey
Accessories	ATL501B 4-terminal kelvin test clip; ATL909 DC adaptor; ATL105 Mini-USB communication cable; dataacquisition software; ATL202 bag; ATL804 Li battery・ATL506B 4-terminal test probe（AT528Loptional）