

Selection Guide

Model	Voltage Range	Resistance Range	Accuracy	On-line Measurement	Display
UT3550	0.0001V~100.00V	0.001mΩ~30.00Ω	V: 0.05% R: 0.5%	yes	3.5 inch TFT LCD
UT3563	0.00001V~400.000V	0.0001mΩ~3.2000kΩ	V: 0.01%,R: 0.5%	no	4.3 inch TFT LCD
UT3562	0.00001V~100.000V	0.0001mΩ~3.2000kΩ	V: 0.01%,R: 0.5%	no	4.3 inch TFT LCD

Model	Display Count	Resistance Range	Accuracy	Measurement Rate	Display
UT3516	20000	1μΩ~2MΩ	0.05%	60times/s	4.3 inch TFT LCD
UT3513	20000	1μΩ~20kΩ	0.05%	18times/s	4.3 inch TFT LCD

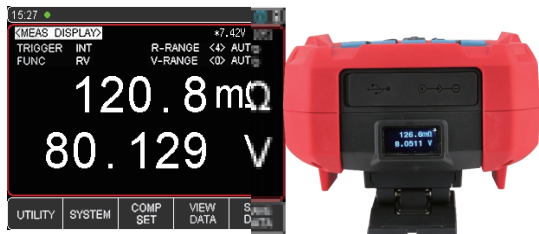
UT3550 Series Battery Tester



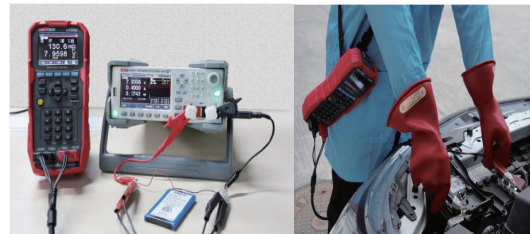
UT3550

The UT3550 is a hand-held battery tester with automatic real-time detection. The portable handheld design allows flexible test scenarios. It is a measuring instrument with high accuracy and high resolution. Equipped with USB type C interface for remote control and data acquisition and analysis. Support SCPI protocol. It is mainly used in the quality inspection of various batteries. UPS can be directly measured online with high accuracy.

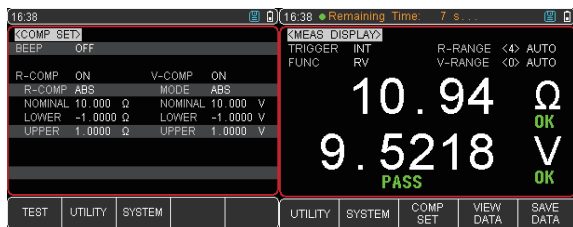
- High-accuracy: Resistance 0.5%/Voltage 0.05%
- Internal resistance measurement range: 0.001mΩ ~ 30.00 Ω
- Voltage measurement range: 0.0001V ~ 100.00V
- Resolution: 0.001mΩ(resistance) - 0.1mV(voltage)
- Comparison mode: SEQ, PER, ABS
- The new AC internal resistance test method, measures almost all types of batteries
- 3.5 inch LCD main display
- 0.96 inch auxiliary display screen
- UPS can be measured directly online
- USB data storage and screenshot saving function
- Lithium battery power supply (2000mAh)
- Provide type C interface to realize remote control
- Support SCPI protocol
- Protection grade IP65



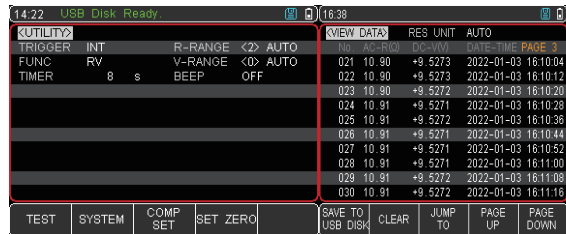
- 3.5 inch LCD, full-color display more content.
0.96 inch auxiliary screen provides convenience for outdoor operation.



- Support online testing, fixed and mobile scenario testing.



- Three comparison modes: direct reading value, percentage and absolute value. Help you with quick battery screening.



- Set the interval time to automatically record the measurement data. Up to 500 sets of data can be saved. Exportable CSV format documents to USB flash disk to facilitate data analysis.

Key Specifications	UT3550
Voltage range	10V,100V
Voltage resolution	100μV,1mV
Voltage accuracy	±0.05%rdg ±5dgt
Resistance range	3mΩ,30mΩ,300mΩ,3Ω,30Ω
Resistance resolution	1μΩ,10μΩ,100μΩ,1mΩ,10mΩ
Resistance accuracy	±0.5%rdg ±5dgt
Range Mode	Auto and Manual (resistance and voltage)
Calibration	Short circuit full range to zeroed
Testing Speed	1/s (manual range)
Filter function	low limit and conform.Sorting result has two output situations: PASS and FAIL.
Beeper	OFF, OK, NG
Comparison Mode	Absolute deviation (ABS) , Relative deviation (PER) ,Direct-reading (SEQ)
Other Function	Lock keypad, U disk storage, keypad tone, Chines/English language, screenshot
Test Terminal	Four-terminal test method
Trigger	Internal, manual and remote trigger
Storage	Internal 500 groups, exportable CSV files
Interface	Type-c interface(communication)/USB DEVICE(storage) /charge interface
Upper-computer Software	SCPI
Power	AC 100~240V, 50/60Hz
Display	3.5 inch LCD display +0.96 inch OLED on the top
Product size(W×H×D)	114.5mm×251.9mm×85.3mm
Product net weight	0.84kg
Standard quantity per carton	2pcs
Standard carton size	285mm× 240mm × 325mm
Standard carton gross weight	2.1kg