



CHT3560 Battery Internal Resistance Tester

OVERVIEW

- CHT3560 battery internal resistance tester is used to measure the internal resistance and voltage of batteries. The CHT3560 is applied to simultaneously measure the internal resistance and voltage of batteries and comparison of battery internal resistance and open-circuit voltage.
- Equipped with its standard features RS232C and HANDLER interfaces, CHT3560 offers automatic measurement on batteries and check the battery deterioration fast and precisely. CHT3560 is used for product sorting delivery inspection in battery production lines.

- The CHT3560 main functions are compatible with HIOKI 3560 and Agilent 4338B
- The CHT3560 offers high measurement speed and good stability.

FEATURES

- Using vector measurement, simultaneous measuring of multiple parameters
- High-speed, high-precision test, resistance 0.3%, voltage 0.05%, the fastest speed of up to 25 times/s
- Comparator (sorting) function, built-in 30 set of comparator data
- Test leads damage detection indicator
- Adjustable beeper and brightness
- Compatible with SCPI command
- Low-power testing, the maximum test current <10mA
- Support multiple scan tests (optional multi-channel scanning box available)

APPLICATION

- Fit in variety of contact resistance test
- Used in evaluating the deterioration and lifetime of the alkali/lead-acid/ lithium storage batteries
- On-the-spot testing of the uninterruptible power supply (UPS)
- Applied in delivery inspection of storage battery
- The measurement of ESR on supper capacitors

SPECIFICATION

Model	CHT3560	CHT3561	CHT3562
Measurement parameters	ESR, DCV, X, Z, θ , L	ESR, DCV, θ	
Basic accuracy	Resistance: 0.3% Voltage: 0.05% Inductance: 1%	Resistance: 0.5% Voltage: 0.1%	
Test Range	1u Ω ~3k Ω 0.1mV~60V	10u Ω ~3k Ω 1mV~60V	10u Ω ~300 Ω
Accuracy	0.05%	0.10%	
Maximum display value	Resistance: 32,000; Voltage: 60,000	Resistance: 32,000(3 2/3); Voltage: 6,000	
Calibration	Short-circuit reset for all ranges; REL function		
Comparator	30 set of data records, NG-LO, GD-IN, NG-HI display and output. Beeper is adjustable.		1 set of data record, NG-LO, GD-IN, NG-HI display and output. Beeper is adjustable.
Trigger mode	Internal/manual/external /remote trigger		
Interface	RS-232C, Handler (CHT3562 optional)		
Power supply	Voltage: 198VAC ~ 240VAC; Frequency: 47Hz ~ 63Hz; Power: max 15VA		
Dimension & weight	385mm(L)x249mm(W)x102mm(D); Weight: 3.5kg		
Accessories	CHT9363 Kelvin test wire, CHT9800 RS232C interface cable		CHT9363 Kelvin test wire
Options	CHT9360 test probe		CHT9363 Kelvin test wire, CHT9800 RS232C interface cable
Others	Test leads damage detection function, four-color VFD display, keypad lock and data hold function		

ACCESSORIES



OPTIONS

