



CHT3563 SERIES High-accuracy Battery Internal Resistance Tester

OVERVIEW

- CHT3563/A/B high-accuracy battery internal resistance tester is designed for the new measurement requirements of the battery industry. It is special for measurement use in low-resistance batteries, large-scale lithium battery packs and fast product sorting in production lines.
- With the technology advantage of Hopetech in battery internal resistance testing for many years, the CHT3563/A/B is able to offer a high resolution of 0.1uΩ, maximum test voltage of 800V and test cycle of 12 ms.
- Equipped with its standard features RS232C and handler interfaces, CHT3563/A/B offers automatic measurement on batteries and a max measurement speed up to 70 times/sec.

FEATURES

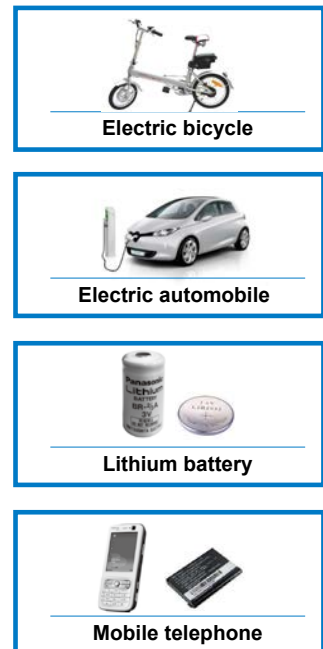
- High sampling test, minimum feedback time is 12 ms, fit for high-speed sorting in product line
- Open voltage test up to 800V, used in battery pack performance test
- High resolution in resistance and voltage
- Strong anti-interference ability
- Support U disk to export data

V Range 0-800V	V-Resolution 0.01mV	Ω Range 0-3.2kΩ	Ω Resolution 0.1%
High Speed 70 times/s	Display 4.3 Inch TFT	Binout 5 grades	Int-Memory 64M

SPECIFICATION

Model	CHT3563	CHT3563A	CHT3563B
Display	4.3 inch TFT-LCD display		
Measurement parameters	ESR,DCV		
Resistance	Accuracy	0.30%	
	Range	0.1μΩ ~ 3kΩ	0.1μΩ ~ 3kΩ
Voltage	Accuracy	0.01%	
	Range	10μV~60V	10μV~300V
Signal Source	Measurement current frequency:1kHz; Open circuit voltage:<5V;Test current:<100mA		
Range	7 different ranges-3mΩ,30mΩ,300mΩ,3Ω,30Ω,300Ω,3kΩ; Auto and manual modes are available in each range		
Measuring speed	50 meas/sec., 15 meas/sec., 3 meas/sec.		
Maximum display value	Resistance	32,000	
	Voltage	600,000	300,000
Calibration	Short-circuit reset for all ranges;		
Comparator	30 sets of data records, 7 bins sorting, bin count		
Others	data report export, saved in USB disk		
Trigger mode	Internal/manual/external trigger		
Interface	RS-232C, Handler (PLC interface), USB(Host)		
Power supply	Voltage: 90VAC~250VAC; Frequency: 47Hz~400Hz;		
Power(max)	15VA		
Dimension (L*W*D)	385 mm*249 mm*102 mm		
Weight	3 kg		

APPLICATION



ACCESSORIES



OPTIONS

Verkauf und technische Betreuung