

BATTERY METER

CKT3563A SERIES BATTERY TESTERS

29



INTERFACE:

- HANDLER
- RS-232/485
- ETHERNET

BRIEF INTRODUCTION

CKT3563A 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. CKT3563A can offer a high resolution of $0.1\mu\Omega$, maximum test voltage of 300V and test cycle of 12 ms. Equipped with its standard features RS232C and handler interfaces, CKT3563A offers automatic measurement on batteries and a max measurement speed up to 100 times/sec.

STANDARD ACCESSORIES



Kelvin test leads



RS232 communication cable



Handler interface connector



AC Power Cord



Test leads (for multi-channel only)

FEATURES:

- 3.5-inch TFT-LCD display
- Show value, voltage and resistance display simultaneously
- Short-circuit clear zero for all ranges
- 30 sets of data records, 7 bins sorting, bin count

SPECIFICATION:

SPECIFICATIONS			
Model	CKT3563A	CKT3563A-12H	CKT3563A-24H
Number of Channel	1	12	24
Parameters	ACR, DCV		
Basic Accuracy	Resistance: 0.3% Voltage: 0.01%		
Range	Resistance:0.1uΩ-3kΩ Voltage: 10uV - 300V DC		
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		
Speed	100 meas/sec, 50 meas/sec, 20 meas/sec, 3 meas/sec		
Result Display	Show value, voltage and resistance display simultaneously		
Display Max	Resistance: 32,000, Voltage: 600,000		
Adjustment	Short-circuit correction for all range		
Comparator	30 sets of data records, 7 bins sorting, bin count		
Trigger	Auto, internal, manual, external trigger		
Interface	Handler interface, RS-232/485 interface, Ethernet interface		
Others	3.5-inch TFT-LCD display		
GENERAL FEATURES			
Power Supply	Voltage: 100VAC ~ 256VAC; Frequency: 50Hz/60Hz; Power(max):15VA		
Size and Weight	325mm (L)x 215mm (W)x96mm (D); Weight:4kg		
ORDERING INFORMATION			
Accessories	Kelvin test leads		
	RS232 communication cable		
	Handler interface connector		
	AC Power Cord		