8-Channel Battery Capacity Tester Sub-Container Capacity Tester

Item Number: BC-07

Introduction

The Channel Lithium Battery Tester Analyzer is an eight-channel battery analyzer that analyzes small coin/cylindrical/pouch cells from 0.001 mA to 10 mA, up to 5V.

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Electricity requirement	110V AC or 220V AC selectable for universal use
Power Consumption	4W
Current	1. Range: 0.001mA – 10mA 2. Optional Range: 0.001mA – 1mA, 0.001mA – 5mA, 0.001mA – 10mA, 0.001mA – 20mA, 0.001mA – 50mA, 0.001mA – 200mA 3. Accuracy: ±(0.05% of reading + 0.05% of range)
Voltage	1. Range: 5mV - 5000mV programmable 2. Accuracy: ±(0.05% of reading + 0.05% of range)
Data register conditions	Time interval: 1 - 900s
Max. measurement cycles	9999 cycles
Product Dimensions	W460mm *D350mm * H90mm
Channels	1. Eight independent programmable channels 2. Each channel can set different working modes and functions independently
Programs & Software	1. The software with calibration function is included to set various working modes for measuring capacity and lifecycle for all types of rechargeable batteries, 2. Working modes Include constant current discharge, constant current charge, constant voltage charge, constant resistance discharge, rest, cycles, etc. 3. Limited threshold conditions include voltage, current, time, capacity, negative voltage slope, etc. 4. With real-time monitoring windows and integrated graph/data windows, the testing process can be observed more directly and efficiently. 5. During the test, the software will provide instructions and warnings for assistance 6. The calibration software can be used to calibrate the analyzer
Test Reports and Curves for analysis	1. Different types of curves can be created by software base on user definition. (Voltage-time curve, current-time curve, capacity-voltage curve, loops times charge/discharge capacity curve, loops times charge/ discharge efficiency curve, etc) 2. Data reports are created by software. User can easily compare the performance of the batteries tested in channels both visually and statistically
Protection and Auto-recover	If the power failure occurs during testing, the system will shut down all operating channels. Once power is recovered, the system will automatically resume those stopped channels and ensure that the test is normally conducted, so that no cases will lose any data.
Battery Holders	Two types of battery holders are included in the standard package: 1. 8 alligator clips with cable for universal connecting 2. 8 spring load holders with adjustable length for measuring cylinder battery up to 70mm(H)
Compliance	CE Certified
Net Weight	12 kg