

SBS BCT-5000 Battery Capacity Tester

DC Resistive Load Bank (24V, 48V, or 120V)

The only way to know your industrial batteries will perform to specification is to test them regularly. SBS's battery capacity testers enable you to test your wet or sealed batteries in a variety of ways and at three voltages. Load bank test 24V, 48V, or 120V DC systems with currents up to 171 amps. A built-in digital meter lets you read volts, amps, amp-hours, and elapsed time without having to hook up a separate meter. The display is accurate to 1% of full scale at the rated voltages. The unit also offers continuous operation, so there's no cool down needed after or between tests. Use the master load control switch to instantly apply or remove loads.

Built-in Protection

The over-voltage and over-temperature protection components coupled with load elements extend instrument life and system reliability by operating at less than 50% of the maximum temperature rating. Additionally, the automatic under-voltage trip keeps cells from being damaged during testing.

Ordering Information:

- BCT-5000 Battery Capacity Tester



Specifications

Capacity:	12V/24V/105V DC to 150AH; 24/48/120V DC to 171AH
Load Steps:	Six load-step resolution in 5A increments (5-50A)
Load Elements:	Chromium alloy wire
Under voltage Trip:	Automatically removes load if voltage drops below 19.2 / 38.4 / 96 Vdc)
Voltage:	24V/48V/120V DC
Blower/Control Power	110V AC, single-phase (optional 220V, 50hz)
Size/Weight:	16.8 x 21.25 x 24.25" HWD (42.7 x 54 x 61.6 cm) 75 lbs. (34 kg)

Features:

- Tests 24V/48V/120V DC power sources
- Use with wet or sealed batteries
- Built-in digital meter with 1% full scale accuracy
- Rated for continuous operation – no cool-down period
- Master switch instantly applies/removes loads
- Operates conveniently and quietly

General Information:

Each unit includes:

1. 15-foot quick-disconnect test cables
2. Operating instructions