C5100B
Battery Analyzer

CADEX

DON'T LET A BATTERY STOP YOU

With QuickSort™ and PC-BatteryStore™

Part Number: 11-510-0001

- **Simplicity at Its Best**: Quick battery sorting for everyone
- **Lightning Speed**: Sort in just 4 minutes
- **Intuitive Software**: Fully programmable for advanced users
- **Lithium Restart**: Reactivate Lithium-ion Batteries

COMPATIBLE CADEX ADAPTERS

SmartConnect™ + FlexStrip™
Embedded Batteries
Part# 07-111-6150

RigidArm™
Removable Batteries
Part# 07-110-0192

FlexArm™
Awkwardly placed
battery contacts
Part# 07-110-0180

SmartCable™
Large Batteries
Part# 07-110-0115

Custom Adapters: Choose from 3200+ models or custom design an adapter.
Please contact us for more information.

PROGRAMS

TEST: uses QuickSort™ to distinguish Good/Poor batteries in just 4 minutes.

CHARGE: Fully charge the battery in approximately 3 hours

CYCLE: Determine accurate capacity % with a charge-discharge-charge cycle.

BOOST: Reactivates batteries that have protection circuits activated due to low discharge

PC-BATTERYSTORE™ SOFTWARE

- **Expandability**: One unit per PC
- **Computer requirements**: Windows O/S, Ethernet connection, 1.2 GHz processor, 512 MB RAM, 10 GB storage memory

HARDWARE SPECIFICATIONS

- **Battery Interface**: Custom and universal adapters; Cadex SnapLock™ system; read-only application, temperature sensor.
- **Line voltages**: 100-240VAC, 50/60Hz 0.6A, internal power supply, IEC320 grounded inlet, country-specific AC power cords available.
- **Data Ports**: USB Type B for connection to BatteryStore application and firmware upgrade, RS232 9 pin female DSUB for optional printer connection.
- **User Interface**: 3 buttons, up/down selection keys
- **Display**: LCD screen 2X20, backlit; RUN, READY, FAIL light signals.
- **Physical**: H 92; W 160; L 285mm (3.6x 6.3x11.2"); 0.82kg net (1.8lb)
- **Approvals**: CSA/UL/EN60950, CE marked, ROHS and WEEE.
- **Warranty**: Two (2) years for materials and workmanship.
- **Note**: Specifications subject to change without notice.

BATTERY TESTING RANGE

- **Battery Capacity Range**: 500-4000mAh, user-selectable with 250mAh increments
- **Battery Chemistry**: Li-ion or Li-polymer
- **Voltage Range**: nominal 3.60-3.85V single-cell or 7.20 and 7.40V double-cell. Test program only supports nominal 3.6-3.85V.
- **Charge/Discharge Curent**: 2A max

QUICKSORT™

- **Target Capacity %** (Threshold for Good/Poor): default 80%, range 60%-90% (10% increment).
- **Test Time:**
  - 500-1399 mAh: 30 seconds
  - 1400-4000 mAh: 4 minutes

ANALYZERS	CHARGERS	TESTERS	BATTERY PACKS	CUSTOM SOLUTIONS