CADEX®

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Smartphone Battery Testing *with Quicksort™ 3*

Storefront smartphone battery testing in 30 seconds

Includes Universal
RigidArm™ Adapter

The **Cadex C5100** is a storefront battery analyzer that allows staff to test smartphone batteries from 500 - 5,000mAh with little training.

90% of returned batteries have no fault.
Manufacturers, retailers and service providers pay for these errors.

Simple Operation

- **TEST** checks the battery in 30 seconds
- **CHARGE** in 3 hours
- **CYCLE** provides capacity readout in %
- **BOOST** revives over-discharged batteries
- **ARROW KEYS** select battery

Quicksort™ 3 classifies batteries into 3 categories (GOOD, FAIR, POOR) using *patented Cadex Technology*. The program accepts partially charged batteries and applies a brief charge if low.

Universal Battery Interface

The **RigidArm™ Adapter** allows universal connection to smartphone batteries. Spring-loaded arms lock in the upright position for easy loading, a retractable floor holds batteries vertically, and the temperature sensor provides redundancy. You can also install custom **SnapLock™ Battery Adapters**.

The **RigidArm™ Adapter** includes 10 C-codes to test batteries from 500 - 1,500mAh and 20 Q-codes for packs up to 5,000mAh.

Visit cadex.com/q-code for available Q-codes.

PC Interface

PC-BatteryStore™ provides an extension to battery service by storing customer information, recording anomalies and printing service reports. You can export test results, make notes and compare with existing data.

Download and store additional C-codes and Q-codes to the **RigidArm™Adapter** with **PC-BatteryStore™**. The software enables remote control of all functions, including re-programming **Snaplock™ Battery Adapters**.

	Standard Package	Value Bundle	All-In-One Bundle
C5100 System	●	●	●
RigidArm™Adapter	●	●	●
PC-BatteryStore™		●	●
Receipt Printer			●

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Specifications

Application	Single-station lithium-ion battery tester with **Quicksort**™ function.
Range	3.6V, 2A, 8W charge/discharge. Polarity protected. Auto scales when exceeding wattage/current setting. Redundant safety features.
Battery Adapter	Includes **RigidArm**™, compatible with **SnapLock**™ **Adapters** in read-only mode. Stores 10 C-codes and 20 Q-codes for QS3 test. Temperature sensor.
Quicksort™	3.6V Li-ion, 500-5,000mAh. Provides GOOD, FAIR & POOR rating. QS3 is model specific.
Line Voltages	100-240VAC, 50/60Hz
Programs	TEST: 30 second **Quicksort**™ CHARGE: 3 hour charge CYCLE: charge/discharge/charge; shows capacity in % BOOST: reactivates over-discharges batteries and applies charge
Display	2x20, backlit, Run, Ready, Fail signal lights
Data Ports	USB, RS232 for the purpose of firmware upgrade.
Physical	H 92mm (3.6"); W 160mm (6.3"); L 285mm (11.2"); 0.82kg (1.8lb)
Approvals	CSA/UL/EN60950, CE mark, RoHS, WEEE
PC Interface	Provides print function, storage of parameters, upgrade of parameters and software.
Warranty	Two (2) year material and workmanship.
PC-BatteryStore™	Record, analyze and export battery test results. Inititate and control battery testing from your PC.

CADEX® ISO 9001 ISO 13485

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