



Universal Battery Adapters

The **Cadex Universal Battery Adapters (UBA)** offer a cost-effective alternative to custom battery adapters. Snapped into the Cadex 7000 series battery analyzers, the Cadex UBA provides an easy interface to diverse battery types. Cadex offers three styles, each serving a unique battery group.



Cadex RigidArm™

The 4-wire **RigidArm** handles a wide range of **cellular phone and other smaller rechargeable batteries**. Spring-loaded arms lock in position to allow quick and accurate setup for repetitive testing. A retractable floor holds batteries vertically or horizontally. Simple cable connections offer easy polarity selection; temperature sensor ensures safe operation.

Part Number: 07-110-0192

Cadex FlexArm™

The **FlexArm** features battery contacts on flexible, spring-loaded arms to reach **narrow and awkwardly placed battery contacts**. Magnetic guides on the insulated steel floor hold the battery in any position. Banana plugs enable easy polarity selection. A spring-loaded temperature sensor is embedded in the floor to monitor battery temperature.

Part Number: 07-110-0180



Cadex Smart Cable™



The **Smart Cable** features 4-wire battery cables with alligator clips to provide an easy connection to **larger batteries**. Ideal for batteries with exposed tabs or special terminals. The insulated alligator clips are connected to your Cadex analyzer by banana plugs. A magnetized temperature sensor is included to monitor the battery temperature.

Part Number: 07-110-0115

NOTE: These adapters can test Li-Ion batteries on the C7200, C7200-C, C7400, C7400-C, C7400ER and C7400ER-C. They cannot be used to test Li-Ion batteries on the C7000 and C7000ER.

www.cadex.com



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Frequently Asked Questions about the Cadex Universal Battery Adapters

• Who should use the Cadex UBA?

Service centers, hospitals, maintenance departments, or anywhere there is a need to test and restore large varieties of batteries. They also assist customer service technicians and engineers in research labs.

• How do I set the battery parameters?

The *Edit* key on the Cadex 7000 Series battery analyzer prompts you to enter the battery specifications. The battery setting (C-Code) is then stored in the Cadex UBA.

• What battery knowledge is required?

The user needs to be familiar with the battery chemistry, voltage and mAh rating. Some programming is required.

• Which Cadex UBA should I use?

Electronically, all Cadex UBA's are identical, the difference lies in the mechanics. The Cadex Smart Cable and Cadex FlexArm allow custom cables and special terminals. For accuracy, the cables must be kept as short as possible. Assure firm battery contact at all times.

• Do I need to set the analyzer each time?

No, you may pre-program each Cadex UBA with up to ten of your most commonly used batteries. You can even give each C-Code a unique name.

• When is a custom adapter preferred?

The custom adapter is most convenient for large groups of identical batteries (fleet environment) or when trained staff is not available.

Specifications

Compatibility

Works with the Cadex 7200, 7200-C, 7400, C7400-C, C7400ER, and C7400ER-C battery analyzers. (May also be used on the C7000 for NiCd, NiMH and SLA batteries only).

Mechanical

SnapLock™ design, interchangeable with custom battery adapters.

Contacts

RigidArm: Gold plated contacts*, rated at 3A
FlexArm: Gold plated contacts*, rated at 3A
Smart Cable: Two alligators, red and black, connected by banana plugs; rated at: 3A

Electrical

16kb non-volatile memory. Battery settings (C-Code) are entered through the analyzer. The battery parameters are stored in the adapter. Each Cadex UBA holds 10 unique C-Codes.

Battery types

Lithium Ion/Polymer, Nickel Metal Hydride, Nickel Cadmium, Lead Acid.

Warranty

Cadex warrants against defective materials and workmanship for 1 year from purchase date. (2 years when purchased with a Cadex analyzer)

* Field replaceable

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