



2 Quad channel LC analyzers

The LC Series machines are low current, low power devices configured for management of low capacity batteries. These devices offer very high input resistance and have current control as low as 0.25 micro Ampere. These machines also offer 3 current ranges. Select the device that has the current ranges required for the intended application. Other voltage and current configurations are also available.

- Input resistance of 10MΩ
- Isolated USB connection to PC
- *BA500WIN* & *Battery Console* Software included
- Factory calibrated with calibration certificate

The LC Series machines are ideal for testing button cells and other low current applications. They are operated with the same software applications as the MC series and feature similar features in other regards.

LC Series Specifications:

Parameter	LC0510	LC0520	LC0540
Maximum Voltage:	5 V	5 V	5 V
Voltage Resolution:	1 mV	1 mV	1 mV
3 Current Ranges (mA):	± 100 / 10 / 1	± 200 / 20 / 2	± 400 / 40 / 4
Current Resolution (μA):	25 / 2.5 / 0.25	50 / 5 / 0.5	100 / 10 / 1
Accuracy (V,I - % FS):	0.25%	0.25%	0.25%
Input Resistance:	10MΩ	10MΩ	10MΩ
Price Single (1ch) USD	\$1397	\$1397	\$1397
Price Quad (4ch) USD	\$4887	\$4887	\$4887

Other voltage and current configurations are available for custom applications. All units have USB isolation. Channel isolation in multi-channel units is available as an additional option. Specifications subject to change without notice.

The LC series machines have all the features and capabilities of the MC series. They have just been optimized for higher input resistance as well as better voltage and current resolution. Refer to the MC series for more feature details. Includes built in universal power supply, battery cables with 4 wire connection for remote Vsense. Temperature measurement cables and special test fixtures are available as options. The LC series machines are ideal for lab testing of batteries, super-capacitors and other energy storage devices.

Package	Configuration	Connection	Size
Single (1 Ch)	Stackable Desktop	Ban Jacks & 8 Pos Port	2 kg 20x25x10 cm
Quad (4 Ch)	Stackable Desktop	8 Pos Port	6 kg 26x31x10 cm