

Avoid breakdowns: take the preventive maintenance approach!

Battery Capacity Tester

***An easy,
fast and reliable
way to test your
batteries with
the C.A 6630!***



- Measurement of internal resistance (4-wire accurate method) and of open circuit voltage (simultaneous display)
- Suitable for nickel/cadmium, lithium-ion and nickel/hybrid metal batteries
- Comparator function for rapid assessment of battery deterioration
- Manual storage possible for 999 measurements and continuous data storage (logger mode)
- Software for data transfer to a PC and measurement leads supplied

→ Easy to set up

- The + terminal of the C.A 6630 is connected to the + terminal of the battery being tested
- The - terminal of the C.A 6630 is connected to the - terminal of the battery being tested
- Turn the C.A 6630 on and read the results.

→ Results that are easy to interpret

With the comparator function, measurements are compared to the theoretical results included in the instrument. The result of the comparison is displayed as follows:

● **PASS** ● **WARNING** ● **FAIL**

→ Simple PC software to export stored data

This software enables:

- data stored in the C.A 6630 to be exported to your PC
- in data logger mode, regular reading (time interval between 2 samples is adjustable from 1 to 255 seconds) and graphic display of values
- storage of all results on your computer's hard drive

→ Technical features

- automatic standby after 30 minutes of no activity on keys
- zero adjustment function to compensate for the voltage circuit displayed
- LCD screen with 2 displays and numerous symbols
- powered by 6 x 1.5 V batteries – continuous autonomy: 7 hours
- maximum power consumed: 1 VA
- dimensions: 250 x 100 x 45 mm
- weight: 500 g, including batteries
- measurement of resistance: t° coeff.: $\pm (0.1\% \text{ of } L + 0.5 \text{ digits}) / ^\circ\text{C}$
measurement current: 1.5 mVAC / Measurement frequency: 1 kHz $\pm 10\%$

Range	Resolution	Measurement current	Accuracy
40 m Ω	10 $\mu\Omega$	37.5 mA	$\pm (1\% \text{ of } L + 8 \text{ digits})$
400 m Ω	100 $\mu\Omega$	3.75 mA	
4 Ω	1 m Ω	375 μA	
40 Ω	10 m Ω	37.5 μA	

- measurement of voltage: t° coeff.: $\pm (0.1\% \text{ of } L + 0.5 \text{ digits}) / ^\circ\text{C}$

Range	Resolution	Accuracy
4 V	1 mV	$\pm (0.1\% \text{ of } L + 6 \text{ digits})$
40 V	10 mV	

→ TO ORDER

C.A 6630 Battery testers **P01.1913.03**

Delivered in a hard carrying case with:

- A set of 2 x 1-m long measurement leads with retractable test probe tips
- Data transfer software for exporting and processing stored data on a PC
- C.A 6630 / PC connection cord
- Instruction manual in 5 languages



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