



Combined capacity measurement and quick-test device for industrial tool batteries

The continuous operational readiness of a battery changes over the course of its service life. The ability to calculate the available capacity, amongst other things, is essential in order to come up with an accurate diagnosis. At the same time, it is important to obtain quick information, ...does the battery have existing defects? To do this, it must be possible to test the battery against specific criteria in a matter of seconds with very little effort. Both of these functions are combined in the BQCC2. A quick test and a thorough performance inspection by way of cyclical charging and discharging processes with an analysis of the actual state and a final evaluation. As a print-out or PC export if required.

The BQCC2 is fully compatible with the Nordisch adapter system meaning that the operator only needs to make minor adjustments to the settings. A battery-specific parameter alignment is carried out by plugging in the required adapter. As such, it is possible to use the system after a brief adjustment period.

The Nordisch BQCC2 has the following features:

- Quick-test function
- Thorough test function incl. capacity measurement
- Operability via display/buttons, print-outs and data storage are available
- Battery technology that can be tested: NiCd/NiMh/LiIon
- Freely selectable number of charging/discharging cycles (max. 5)
- The charging/discharging current can be selected in increments 0.1A. (min. 0.1A – max. 5A)
- At present, more than 40 different types of batteries from common manufacturers can be tested



Documentation:

The test results, the duration of the entire process and the set inspection parameters can be monitored online and transferred to the PC via the interface. The data can be saved and used for further processing and evaluation.



Information on the display

Chosen battery type, charging or discharging process, present current flow, the charge or discharge capacity can be displayed at any time during the process at the press of a button.

The final result is displayed automatically as a target/actual comparison of the capacity immediately after the quick-test when the cycles are running. In the event of a malfunction, the measurement is aborted automatically.



Technical details:

Battery voltage (V):	1.2V - 36V	Variants:	Also available in a cube design (5401) Special variants and foreign languages on request
Battery type/manufacturer:	NiCd/NiMh/Li-Ion (see adapter list)	Connection:	EU: 230 V - 50Hz (mains fuse) US: 110 V - 60Hz (mains fuse)
Capacity (Ah):	independent		
Dimensions in cm (WxHxD):	50x20 x35		
Test time until result:	15 – 30 sec. (quick-test) starting at 45 min. (thorough test)		