

## Battery testing moscow

Battery test equipment from Yarostanmash LLC are distinguished by high reliability, extreme flexibility in setting test modes, and also completeness of returned measurement results. The devices allow performing one-time, periodic, selective, as well as cycle-life and climatic tests of various power sources. The processing of measurement results, as well as the calculation of summary parameters for each charge discharge cycle is performed automatically. Thanks to this, the User does not need to spend time and resources on post-processing of measurement results.

Analyzers of chemical current sources ACK allow you to automate and put on stream electrical tests of any chemical current sources. Analyzers are used in research laboratories, institutes, as well as in the production of batteries, supercapacitors and other current sources.

Battery analyzer ACK150.24.1750.1. Charge current, as well as discharge current from 1 to 150A (up to 3000A with parallel operation of the devices). Voltage on tested battery from 1 to 28V.

Battery analyzer ACK75.48.1750.1. Charge current, as well as discharge current from 0.5 to 75A (up to 1500A with parallel operation of the devices). Voltage on tested battery from 1 to 56V.

Battery analyzer ACK100.24.650.1. Charge current, as well as discharge current from 1 to 100A (up to 2000A with parallel operation of the devices). Voltage on tested battery from 1 to 28V.

Battery analyzer ACK50.48.650.1. Charge current, as well as discharge current from 0.5 to 50A (up to 1000A with parallel operation of the devices). Voltage on tested battery from 1 to 56V.

Cell and battery analyzer, potentiostat ACK2.5.10.8. Charge current, as well as discharge current from 2.5uA to 2.5A per channel (up to 20A with parallel operation of all channels). Voltage on tested cell from minus 4.5 to plus 4.5V. 8 channels.

Cell and battery analyzer, potentiostat ACK2.5.10.2. Charge and discharge current from 2.5uA to 2.5A per channel (up to 5A with parallel operation of both channels). Voltage on tested cell from minus 4.5 to plus 4.5V. 2 channels.

Multichannel USB data logger MRD420.6G. Device has six independent inputs with galvanic isolation as well as with a reconfigurable input voltage range from 0-1 to 0-420V. For example, you can measure the voltage on a battery using channel 1, and measure the current through it using channel 2. In addition, you can measure temperature of the battery by channel 3. Logger connects to a User's computer via USB port.

Self discharge registrator RSR-01. Designed to record the voltage drop curve  $U(t)$  during self-discharge of



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supercapacitors and supercapacitor batteries. Input voltage from 0.1 to 370V. Also, the registrator has a built-in UPS.

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