



FNIRSI HRM-10 internal battery resistance meter



Model: HRM-10

Manufacturer: FNIRSI

EAN: 5907085527147

Product Code: 806825

R1,611

FNIRSI HRM-10 internal resistance meter for batteries

The FNIRSI HRM-10 meter is a device designed to accurately analyze the condition of batteries by measuring internal resistance and voltage. With built-in comparison functions, automatic data storage, and support for various cell types, this meter will work well in both service and workshop applications. You'll be able to read all measurements from the TFT HD color display.

Reliable measurements

The device uses a four-wire measurement technique, which reduces the influence of wire and contact resistance on the accuracy of the readings. As a result, the results obtained are reliable even at low internal resistance values. The sorting function allows to set 8 sets of voltage and resistance thresholds, which facilitates quick detection of faulty cells or selection of cells for further use. This

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solution significantly speeds up the process of quality control of battery batches.

Automatic data storage and export

Measurement results are automatically stored in the device's memory. The meter can be connected to a computer for export and further analysis of the data, making it easier to document and compare results in the long term. With the data retention function, the result remains visible on the screen without having to measure again. The ability to set automatic shutdown increases safety of use and extends the operating time on a single charge.

Stable and ergonomic design

The housing made of ABS plastic with improved drop resistance increases the durability of the device. Anti-slip silicone elements prevent the meter from sliding during operation, and the shape of the case adapted to the hand improves the comfort of use. The built-in stand allows stable positioning at an angle.

Compatibility with various types of batteries

The HRM-10 supports a wide range of cells: lithium-ion (e.g. 18650), lithium-polymer, lead-acid, alkaline, zinc-carbon and button batteries. This makes it applicable to mobile device service, automotive, electronics, etc.

Included

- meter
- USB-A to USB-C cable
- measuring cable

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Voltage range	0- ± 100V DC

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Resistance range	0-200 Ω
Accuracy	± 0.5%
Measuring ranges (voltage)	AUTO, 1V, 10V, 100V
Measuring ranges (resistance)	AUTO, 20mΩ, 200mΩ, 2Ω, 20Ω, 200Ω
Test signal frequency	AC 1kHz
Charging	TYPE-C connector (5V/1A)
Rechargeable battery	Lithium 1000mAh
User calibration	yes
Sorting mode	yes
Measurement history	yes
Measurement data export	yes
Temperature	Operating: -10°C to +45°C; storage: -20°C to +80°C
Relative humidity	Operating: 80%; storage: 80%
Dimensions	158.7 × 80.5 × 28.4 mm
Weight	225 g

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 470, Net weight: 219, Box length: 19,50, Box width: 11,00, Box height: 6,50, Information about data generation: <https://dataact.innpro.pl/fnirsi/5907085527147>, Last delivery: 16.09.2026, PPWR: <https://ppwr.innpro.pl/fnirsi>

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