

Φορητός μετρητής LCR υψηλής ακρίβειας FNIRSI

LC1020E

FNIRSI · EAN 5905156102187

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

High-precision handheld meter

LCR FNIRSI LC1020E

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Complete test socket with
five terminals

Convenient test hole with
three terminals

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Download the user manual, app, and software

Warnings and safety information

All information regarding operation and usage can be found in the user manual or on the product label. Before

starting to use the products, familiarize yourself with its content and follow the guidelines contained therein. Before use, also review the following information:

User safety

1. Use measuring tools according to their intended purpose. Do not use measuring tools for tasks for which they were not designed, to avoid damage or incorrect measurement results.
2. Always ensure that the tool is in good working condition before use. Damaged tools, such as cracked housings or broken displays, may lead to incorrect measurements or risk of accidents.
3. Regularly calibrate measuring tools to ensure their accuracy and reliability of measurements. Incorrectly calibrated devices may lead to erroneous results.

Precautions

1. Use appropriate eye protection, especially when working with measuring tools that may

emit radiation.

2. Keep measuring tools away from children and untrained individuals to prevent accidental damage or misuse.
3. Avoid using measuring tools in extreme temperature, humidity conditions, or in an atmosphere with high dust concentration, which may affect their accuracy and functionality.
4. When working with measuring tools, exercise caution to avoid damaging delicate measuring components (e.g., sensors, probes).

Safe usage

1. Always ensure that the measuring tool is properly set up and secured to avoid measurement errors or damage.
2. Use measuring tools only in designated areas that provide adequate stability and minimize the risk of accidents, such as slippery or uneven surfaces.
3. Never take measurements on live components or in conditions that may pose a safety hazard.

Operating rules in appropriate conditions

1. Store measuring tools in a dry, cool place, away from moisture and direct sunlight, which may damage the devices or affect their accuracy.
2. When using measuring tools, ensure they are well seated and not exposed to shocks or impacts that may lead to damage.
3. Avoid using measuring tools in places with extreme conditions, such as heavy vibrations, hot surfaces, dust, or moisture, unless the tool is designed for such use by the manufacturer.

Maintenance instructions

1. Regularly check the condition of measuring tools, especially measuring components (e.g., sensors, probes, displays) and batteries.
2. Follow the cleaning instructions provided by the manufacturer. Use appropriate cleaning materials (e.g., soft cloths) to avoid damaging delicate components.
3. Regularly calibrate measuring tools according to the manufacturer's recommendations to maintain measurement accuracy.

Safe disposal

1. Worn or damaged measuring tools should be disposed of in accordance with applicable environmental protection and electronic recycling regulations.
2. Do not throw measuring tools in regular waste containers, as they may contain environmentally harmful components.
3. Contact local authorities or recycling companies for information on proper disposal of worn measuring tools.

Compliance statement

The products have been designed in accordance with the safety requirements specified in Regulation (EU) 2023/988

on the general safety of products, ensuring their compliance with applicable safety and health standards for users.

Environmental Protection

Used electronic equipment marked in accordance with the European Union directive must not be placed together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health. The system for collecting used equipment complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this topic can be obtained at the municipal office, cleaning plant, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning issues related to user safety, health protection, and environmental protection, specifying hazards that should be detected and eliminated. This document is a translation of the original user manual created by the manufacturer. Detailed information about the distributor/manufacturer warranty conditions is available on the website <https://serwis.innpro.pl/gwarancja>.

The product should be regularly maintained (cleaned) by the user or by specialized service points at the user's cost and scope. In the absence of information about necessary periodic or service maintenance actions in the user manual, the user should regularly, at least once a week, assess the physical condition of the product against that of a physically new product. If any deviation is detected or noted, urgent maintenance (cleaning) or service steps should be taken. Failure to properly maintain (clean) and respond upon detecting a state of deviation may lead to permanent damage to the product. The warranty provider is not responsible for damages resulting from negligence.

Importer:

Manufacturer

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Responsible entity

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Safety Measures

Before starting to charge, check if the device's contacts are clean. Never leave the device unattended while in use and charging. Ensure that you can quickly disconnect the device from the power source in an emergency. Never expose the device to high temperatures. Charge the device in a dry and well-ventilated place away from flammable materials, maintaining a minimum distance of 1m from other objects. Never cover the device while charging. Never use a power supply, charging station, cables, etc., without the manufacturer's recommendation and certification. Take care of your property; the device is equipped with cells that are difficult to extinguish, so equip yourself with a fire blanket.

LI-ION Battery

The device is equipped with a LI ION (lithium-ion) battery, which, due to its physical and chemical structure, ages over time and with use. The manufacturer specifies the maximum operating time of the device under laboratory conditions, where optimal working conditions for the device exist, and the battery itself is new and fully charged. Actual operating time may differ from that declared in the offer and this is not a defect of the device but a feature of the product. To maintain maximum battery life, it is not recommended to discharge it below 3.18V or 15% of total capacity. Lower values, such as 2.5V for the cell, permanently damage it and this is not covered by the warranty. If the battery or the entire device is not used for more than one month, the battery should be charged to 50% and its charge level should be checked periodically every two months. Store the battery and device in a dry place, away from sunlight and negative temperatures.

LI-PO Battery

The device is equipped with a LI PO (lithium-polymer) battery, which, due to its physical and chemical structure, ages over time and with use. The manufacturer specifies the maximum

operating time of the device under laboratory conditions, where optimal working conditions for the device exist, and the battery itself is new and fully charged. Actual operating time may differ from that declared in the offer and this is not a defect of the device but a feature of the product. To maintain maximum battery life, it is not recommended to discharge it below 3.5V or 5% of total capacity. Lower values, such as 3.2V for the cell, permanently damage it and this is not covered by the warranty.

If the battery or the entire device is not used for more than one month, the battery should be charged to 50% and its charge level should be checked periodically every two months. Store the battery and device in a dry place, away from sunlight and negative temperatures.

Product battery specifications

Feature Value

Battery category Portable battery

Battery type Portable lithium-ion (Li-Ion) batteries

Contains Cadmium/Lead (>0.002% Cd, -
>0.004% Pb)

Net weight (kg) 0.048

Capacity (mAh) -

Power (W) 11.1