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Ansmann 1900-0100

Ansmann Energy Check LCD - Professional Battery Tester User Manual

Model: 1900-0100

INTRODUCTION

The Ansmann Energy Check LCD is a professional battery tester designed to quickly and accurately determine the energy content and voltage of various primary and rechargeable batteries. This compact and user-friendly device provides results within 2-3 seconds, displaying the actual energy content in 10% steps and the cell voltage in volts (V).



Figure 1: Ansmann Energy Check LCD Battery Tester. This image shows the overall design of the battery tester, including the LCD display and the various slots for different battery types.

SETUP

Package Contents

Before using your Ansmann Energy Check LCD, ensure all components are present:

- Ansmann Energy Check LCD Battery Tester
- 1 x 9V Battery (for powering the tester)

Inserting the 9V Battery

The Ansmann Energy Check LCD is powered by a 9V battery. To install or replace the battery:

1. Locate the battery compartment on the back or side of the tester.
2. Open the battery compartment cover.

3. Insert the 9V battery, ensuring correct polarity (+ and - terminals).
4. Close the battery compartment cover securely.



Figure 2: Inserting the 9V battery into the tester. This image demonstrates the correct way to insert the 9V battery that powers the Ansmann Energy Check LCD.

OPERATING INSTRUCTIONS

General Operation

The Ansmann Energy Check LCD provides quick and easy battery testing. The device automatically detects the battery type and displays the energy content in 10% steps and the voltage in volts (V) within 2-3 seconds.

In maximal 3 Sek.



In 10%-Schritten

Figure 3: Fast Testing and Percentage Display. This image highlights the quick testing capability and the 10% step display of the battery's energy content.

Battery Type Identification and Testing Slots

The tester features multiple dedicated slots and a test probe for various battery types. Refer to the diagram below to identify the correct testing location for your battery.

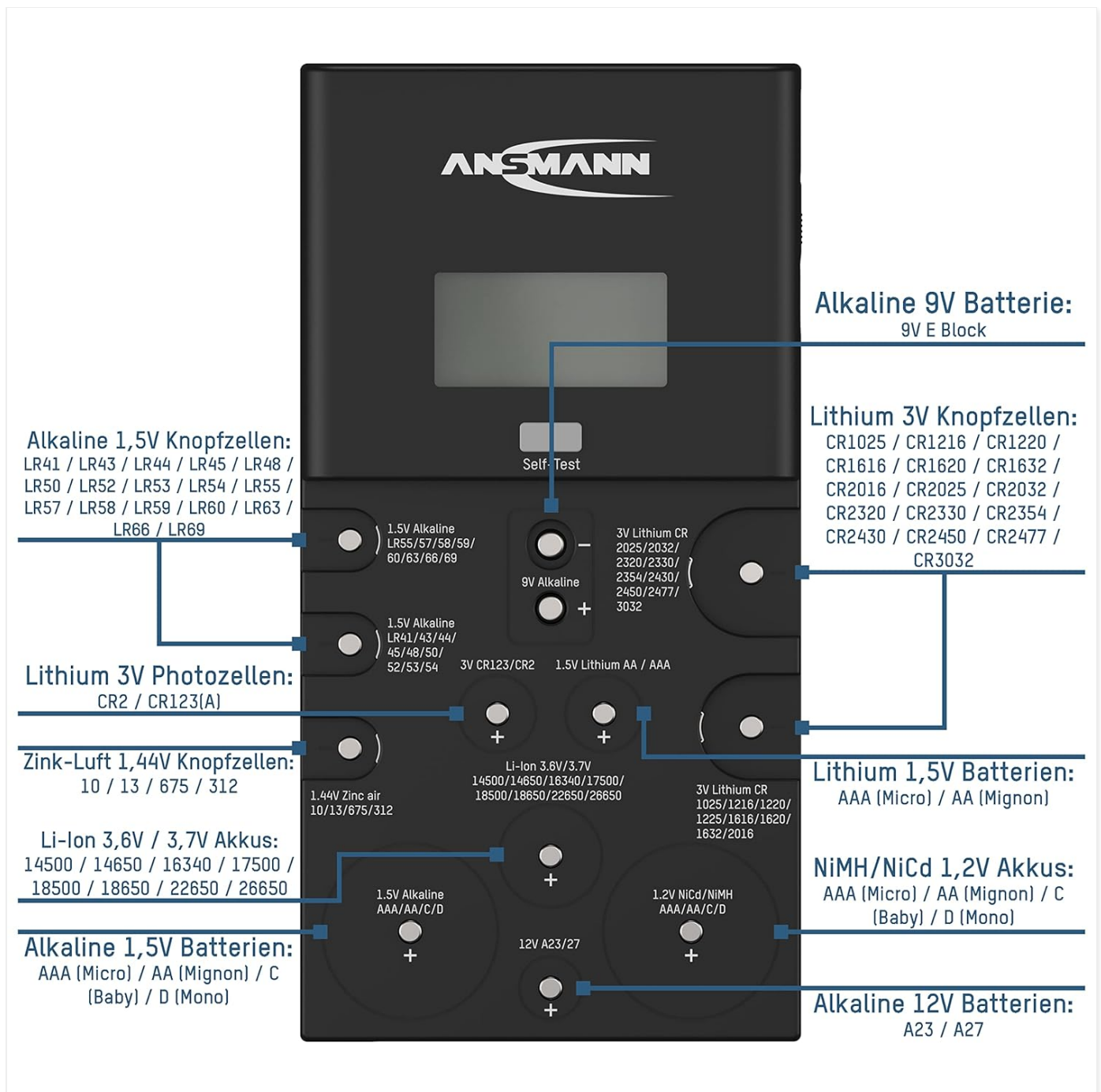


Figure 4: Battery Type Testing Slots. This detailed diagram illustrates where each specific battery type should be placed or connected for accurate testing.

Testing Procedure

To test a battery:

1. Identify the correct slot or contact points for your battery type using Figure 4.
2. Ensure the battery terminals are clean and free of debris.
3. Place the battery firmly into the designated slot or press it against the contact points, observing correct polarity (+ and -). For batteries requiring the test probe, connect the probe to the battery's positive terminal and the negative terminal to the corresponding contact on the tester.
4. The LCD display will show the battery's energy content in percentage and its voltage.



Figure 5: Testing a Button Cell Battery. This image shows a user testing a small button cell battery by pressing it onto the designated contact points.



Figure 6: Testing an AA Battery with Probe. This image illustrates the use of the test probe for larger cylindrical batteries like AA or AAA.

MAINTENANCE

Cleaning

To ensure accurate readings and prolong the life of your tester, keep it clean. Wipe the exterior with a soft, dry cloth. Periodically clean the metal contact surfaces with a cotton swab lightly dampened with rubbing alcohol to remove any residue that might affect conductivity.

Storage

Store the Ansmann Energy Check LCD in a cool, dry place away from direct sunlight and extreme temperatures. If the tester will not be used for an extended period, it is recommended to remove the 9V battery to prevent leakage.

TROUBLESHOOTING

- **Tester does not power on:**

Check if the 9V battery is correctly inserted with the proper polarity. Ensure the 9V battery itself has sufficient charge. Replace if necessary.
- **Inaccurate or inconsistent readings:**

Ensure the battery being tested is making firm and clean contact with the tester's terminals. Clean the battery terminals and the tester's contact points if there is any visible dirt or corrosion. Ensure the battery is placed in the correct slot for its type.
- **Display shows 'LO' or 'ERR':**

This may indicate a very low battery charge or an incompatible battery type. Verify the battery type is supported by the tester.

SPECIFICATIONS

Feature	Specification
Model Number	1900-0100
Product Dimensions	3.94 x 1.26 x 7.68 inches
Item Weight	9.63 ounces (273 Grams)
Power Source	1 x 9V Battery (included)
Color	Black
Measurement Display	Energy content in 10% steps, Voltage in Volts (V)

Supported Battery Types

- **3V Lithium Button Cells:** CR1025, CR1216, CR1220, CR1616, CR1620, CR1632, CR2016, CR2025, CR2032, CR2320, CR2330, CR2354, CR2430, CR2450, CR2477, CR3032
- **3V Lithium Photo Batteries:** CR2, CR123(A)
- **1.5V Alkaline Button Cells:** LR41, LR43, LR44, LR45, LR48, LR50, LR52, LR53, LR54, LR55, LR57, LR58, LR59, LR60, LR63, LR66, LR69
- **1.44V Zinc-Air Button Batteries:** 10, 13, 675, 312
- **12V Alkaline Batteries:** A23, A27
- **1.5V Alkaline Batteries:** AAA, AA, C, D, 9V alkaline battery
- **1.2V NiMH/NiCd Batteries:** AAA, AA, C, D
- **1.5V Lithium Batteries:** AAA, AA
- **3.6V/3.7V Li-ion Batteries:** 14500, 14650, 16340, 17500, 18500, 18650, 22650, 26650

SAFETY INFORMATION

Please observe the following safety guidelines when handling batteries and using the Ansmann Energy Check LCD:

Batteries



Figure 7: Battery Safety Icons. This image displays universal symbols for safe battery handling, including warnings against improper disposal, short-circuiting, heating, and disassembling batteries.

- Do not attempt to test damaged or leaking batteries.
- Do not short-circuit battery terminals.
- Do not dispose of batteries in fire.
- Do not disassemble batteries.
- Keep batteries out of reach of children.
- Dispose of batteries according to local regulations.

WARRANTY AND SUPPORT


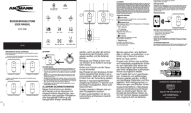




For detailed warranty information, technical support, or service inquiries regarding your Ansmann Energy Check LCD, please visit the official Ansmann website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

You can find more information at the [Ansmann Store on Amazon](#).



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Related Documents - 1900-0100

	<p>ANSMANN 22kW Type 2 Electric Vehicle Charging Cable User Manual</p> <p>Comprehensive user manual for the ANSMANN 22kW Type 2 electric vehicle charging cable, covering specifications, safety, operation, and warranty.</p>
	<p>ANSMANN BTS-MINI Bluetooth Speaker User Manual</p> <p>User manual for the ANSMANN BTS-MINI portable Bluetooth speaker, detailing setup, functions, safety guidelines, IPX7 waterproof rating, and disposal information.</p>
	<p>ANSMANN Jump Starter 10.0 Operation Manual</p> <p>Comprehensive operation manual for the ANSMANN Jump Starter 10.0, detailing usage, safety guidelines, features, technical specifications, and troubleshooting.</p>
	<p>ANSMANN BC 6-12V / 6A Inteligentní nabíječka autobaterií Návod k obsluze</p> <p>Návod k obsluze pro inteligentní nabíječku autobaterií ANSMANN BC 6-12V / 6A. Pokrývá nabíjecí programy, připojení, bezpečnostní pokyny, řešení problémů a technické specifikace pro 6V a 12V olověné, AGM, gelové a 12V LiFePO4 baterie.</p>
	<p>ANSMANN POWERBANK 5.4 Type C Manual</p> <p>User manual for the ANSMANN POWERBANK 5.4 Type C, providing instructions on usage, charging, technical specifications, safety guidelines, and environmental information.</p>
	<p>ANSMANN SMART ECO SET Ladegerät Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für das ANSMANN SMART ECO SET Ladegerät. Enthält Informationen zur Verwendung, Sicherheit, technischen Daten und Umweltaspekten für AA/AAA NiCd/NiMH Akkus.</p>