CCC

Mobile current consumption tester of NVDs

BASIC INFORMATION:

CCC tester is a lightweight, mobile DC power supply that can measure current consumption of Night Vision Devices. This universal tester allows to measure current consumption at regulated voltage, simulating the standard power supply of NVD from battery. This measurement is possible to be done in laboratory conditions using typical DC power supply and multimeters. However in comparison to this ad-hoc measurement CCC tester has following adventages:

- CCC tester have a regulated power supply (range of voltage: 1,2V – 3,6V; optimized for NVD);
- CCC tester can measure precisely current consumption (range: 0mA to 100mA);
- CCC tester is equipped with a set of universal adapters replacing the batteries
- fast setting of the required voltage
- real-time measurement of current consumption
- fast readout (switchable Voltage and Current consumption readouts);
- mobile case for easy and safe transport;
- small dimensions.

TEST CAPABILITIES:

CCC tester measure current consumption of NVD at regulated voltage.

SPECIFICATION:

Description	Value
Types of accepted battery sockets	R14 (C), R6(AA), R3(AAA), CR123A, R8D4425(AAAA) CR17345, CR2, CR2NP
Range of setting voltage	1,2 V ÷ 3,6 V
Resolution of setting voltage	0,01 V
Regulation type of voltage	Manual, Continuous
Measured parameter	Current
Range of measured current consumption	0mA ÷ 100mA
Measured resolution of current consumption	0,1mA
Accuracy of measurement current consumption	± 0,1mA
Power supply	12V, 3A DC
Housing	Mobile suitcase
Dimensions	275 x 105 x 220 mm
Weight	1,8 kg

Photo of CCC tester

Version 1.3

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