

# MULTI-FUNCTIONAL TESTER

Multi-functional measurement device



This LCR meter offers a wide range of functions at a low price. The LCR meter can measure capacitance, resistance, and inductance among other things. In addition, it can automatically recognize components, for example, it can distinguish between different types of transistors, such as NPN or PNP transistors. The device is particularly easy to operate, as all measurements are started at the touch of a single button.

Thanks to the integrated 350 mAh battery, measurements can also be carried out on the road. The battery is charged with the help of a 5V power supply unit (available separately) and the enclosed micro-USB cable.

In addition, this measuring device can decode infrared signals and show them as a waveform on the display.

## MAIN FEATURES

Measurable components	Resistor, capacitor, inductor, thyristor, triac, (double) diode, Z-diode, field effect transistor, bipolar transistor, infrared decoder
Supported IR-protocol	NEC (used by many manufacturers)
Display type	1.8 " TFT LCD (160 x 128 p)
Special features	Automatic calibration, One key operation
Built-in battery	Lithium Ion rechargeable, 3,7 V, 350 mAh
Size	90 x 70 x 27 mm
Items delivered	Tester, USB cable, Test clip, LED, Capacitor

## MEASURING RANGES

Capacitance	25 pF - 100 mF
Resistance	0.01 $\Omega$ - 50 M $\Omega$
Inductance	0.01 mH - 20 H
Battery	0.1 V - 4.5 V, 300 mAh
Z-diode breakdown voltage	0.01 V - 30 V
Z-diode	0.01 V - 4.5 V
Diode	$U_F < 4,5 V$
Thyristor / Triac	$I_{GT} < 6 mA$

## FURTHER DETAILS

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