

# VOLTCRAFT®

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"For more than 25 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success."

# DSO-6102 WIFI DIGITAL STORAGE OSCILLOSCOPE



VERSION 07/17

N° 1534604

The oscilloscope can be operated from a PC or mobile phone, or directly via the buttons on the device. Transfer takes place in real time. The integrated digital multimeter allows for measurements of direct and alternating voltages up to max. 400 V, currents up to max. 10 A, resistances up to max. 40 M $\Omega$ , capacities up to max. 100  $\mu$ F and frequencies up to max. 10 MHz. In addition, diode testing and acoustic continuity testing (<50  $\Omega$ ) are also possible. The built-in 25 MHz arbitrary function generator for test input signals (e.g., square, sine, ramp, pulse) operates at a sampling rate of 125 MS/s, a 14-bit resolution and provides an output voltage range of 10 mVpp to 6 Vpp.

## FEATURES:

Two independent input channels // Wi-Fi and remote control feature – waveforms can be displayed in real time on your phone or computer // built-in 25 MHz single-channel arbitrary function generator // built-in digital multimeter // cordless use by integrated battery //

## TECHNICAL DATA:

Measuring inputs	Two separate channels (CH1/CH2)
Bandwidth	100 MHz
Input impedance	1 M $\Omega$ $\pm$ 2% // 15 pF $\pm$ 5 pF
Max. input voltage	1 M $\Omega$ $\leq$ 300 V rms // 50 $\Omega$ $\leq$ 5 V rms
Input coupling	DC-AC-GND
Rise time	$\leq$ 3,5 ns
Trigger mode	Auto, norm, single
Resolution	3 3/4 digit / 4000 count
Diode test	0 V – 1,5 V
Input impedance	10 M $\Omega$
Acoustic continuity test	<50 $\Omega$ $\pm$ 30 $\Omega$
Software	Windows® XP/ Windows® 2000/ Vista / 7/ 8/ 10 Smartphone: Android 4.0 or later
Power supply	100V - 240 VAC, 50/60 Hz,
Power consumption	Maximal 33 W
Rechargeable battery	Li-Ion 3.7 V, 13200 mAh, 48.84 Wh
Battery life	Approx. 4 hours after a full recharge
Operating temperature	0 °C to +40 °C
Storage temperature	-20 °C to +60 °C
Rel. humidity	$\leq$ 90%, non-condensing



Weight	Approx. 2.6 kg (without accessories)
Dimensions	(L x W x H) Approx. 340 x 177 x 90 mm

## PACKAGE CONTENTS:

Digital storage oscilloscope // USB cable // Power cable // 2x probes // Trimming tool // BNC-measuring conductor // 1 set of safety test leads // Capacity module // Replacement fuse 500 mA // Replacement fuse 10 A // Software and user manual on CD // Quick start guide //

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