

# VOLTCRAFT®

## VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

"Since 1982, 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-1102D DIGITAL STORAGE OSCILLOSCOPE

VERSION 12/21

Nº 1009672

Entry-level model in the field of digital storage oscilloscopes. The device has two channels with a bandwidth of 100 MHz and a real-time sampling rate of max. 1 GSa/s, and a memory depth of 512 kpts. When using only one channel, up to 1 Mpts is available. The device features DSO-1102D, in combination with a large 17.7 cm (7") colour display with a resolution of 800 x 480 pixels and a USB host for storing data on an optional USB flash drive. As such it is almost unbeatable when it comes to value for money. The DSO-1102D also comes with a USB interface, a multilingual Help menu and extensive trigger functions, automatic measurement functions, including FFT and software included in the delivery.

## TECHNICAL DATA:

Bandwidth:	100 MHz
Channel type:	2
Resolution:	8 bit
Real-time sampling rate:	1 GSa/s (single mode), 500 MSa/s (dual mode)
Memory depth:	1 Mpts (single), 512 kPts (dual)
Vertical deflection:	2 mV - 5 V/DIV
Vertical precision:	±13 %
Time base range:	4 ns - 80 s/DIV
Ramp-up time:	5.8 ns
Operating mode:	CH1, CH2, Dual, XY
Triggering:	DC, AC, HF, LF, Noise, EXT, EXT/5
Mathematical functions:	pk-pk, max., min., effective value, cyc. RMS, Hz, period, ramp-up/ramp-down time, pos/neg half wave
Display:	LCD
Display size:	17.7 cm
Display resolution:	800 x 480 pixels
Input impedance:	1 MΩ
Input coupling:	DC/AC/GND
Input voltage range:	±150 V (DC-coupling)
Interfaces:	1x USB/ 1x USB host
Power supply:	100 - 240 V/AC
Power consumption (max.):	30 W
Dimensions (L x W x H):	313 x 142 x 108 mm
Weight:	2 kg



## FEATURES:

100 MHz bandwidth // 2 channels //  
1 GSa/s real-time sampling rate, 25 GSa/s equivalent //  
Value pack with 2 test leads //

## PACKAGE CONTENTS:

DSO-1102D // 2 test leads (1:1/10:1 each) // mains cable //  
USB cable // software // detailed operating instructions  
(English) // quick guide (multilingual).

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