

MIXED SIGNAL OSCILLOSCOPE

Based on USB-PC



The JT-ScopeMega50 offers an impressive combination of an oscilloscope, a spectrum analyzer, a recorder, a logic analyzer and a function generator in a single, portable device.

The oscilloscope has two channels with a sampling rate of 48 MHz, a bandwidth of 15 MHz and various trigger modes for precise measurements.

The spectrum analyzer enables detailed frequency analysis with support for various window functions.

The recorder records input voltages from -30 V to +30 V with two channels at a sampling rate of 15 MHz and offers advanced functions such as waveform recording.

The 16-channel logic analyzer supports a sampling rate of 48 MHz, trigger options and decoding of I2C, UART, SPI and 1-Wire protocols.

The function generator produces various waveforms with a maximum signal frequency of 12.5 kHz.

With the JT-ScopeMega50, you get a multifunctional tool that impresses with its compactness and versatility. It is perfect for engineers and technicians who need a powerful and mobile solution for

MAIN FEATURES

Model	Mega50
Dimensions	92 x 74 x 23 mm (B x T x H incl. connector)
Weight	83 g
Connections	3x coaxial BNC connector 1x D-Sub, 25-pin, female 1x USB type B, female
Scope of delivery	2x 60 MHz probes (10:1, 1:1), 1x 16 channel logic analyzer clips, USB cable, ScopeMega50
Power consumption	150 mA

OSCILLOSCOPE

Number of channels	2 channels
Sampling rate	48 MHz
Bandwidth	15 MHz
Input voltage	-30 V to +30 V
ADC resolution	8 Bit
Trigger	Rising, falling, arbitrary

SPECTRUM ANALYZER

Number of channels	2 channels
Sampling rate	48 MHz
Input voltage	-30 V to +30 V
ADC resolution	8 Bit
Window functions	Hamming, Hanning, Blackman, Blackman-Harris, etc.

measuring and analyzing electronic signals.

RECORDER

Number of channels	2 channels
Sampling rate	15 MHz
Input voltage	-30 V to +30 V
ADC resolution	8 Bits
Trigger	Rising, falling, arbitrary
Advanced functions	Waveform recording, direct recording in PCM

LOGIC ANALYZER

Number of channels	16 channels
Sampling rate	48 MHz
Bandwidth	15 MHz
Input voltage	0 to 5 V
Trigger	Edge, Layer
Decoding	I2C, UART, SPI, 1-Wire

FUNCTION GENERATOR

Number of channels	1 channel
Waveforms	Sine, Square, Saw, Triangle
Max. Signal frequency	12,5 kHz

MORE DETAILS

Article number	JT-ScopeMega50
EAN	425023681541
Customs tariff number	90302000