

Features

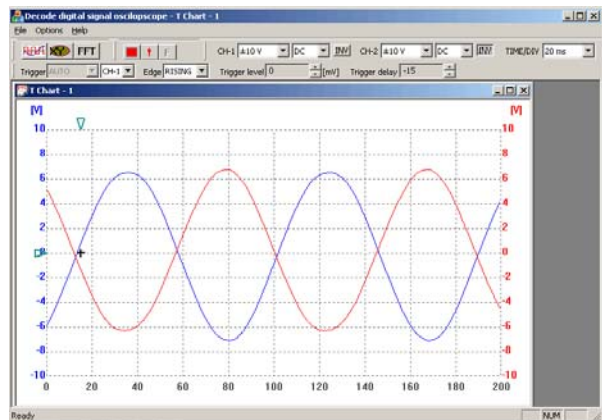
- ▶ High resolution (12 bit) for different areas of application
- ▶ 7 voltage ranges
- ▶ Software and drivers included (Oscilloscope & data logger)
- ▶ FFT spectrum analyser display
- ▶ Simultaneous display of both channels at 80kS/s
- ▶ Separate window for XY plotter display
- ▶ Continuous recording at 2kS/s timebase



Description

DSO 212 offers two-channel oscilloscope, spectrum analyser and multifunctional measurement in one device. It connects to USB port of PC, to communicate and obtain its power requirements without need for additional power supply. Those properties make DSO 212 very useful for on-site measurements as well as for laboratory use.

Sampling rate of 80 kS/s and 12 bit resolution are ideal recommendation for audio and vibration measurements. Other fields of application are within laboratories and PC equipped school labs.



Specifications

DSO 212	
Resolution	12 bits
Channels	2 x BNC
External trigger	1 x BNC ($\pm 10V$ max)
Sampling rate	80 kS/s
Voltage ranges	$\pm 100mV$, $\pm 200mV$, $\pm 500mV$, $\pm 1V$, $\pm 2V$, $\pm 5V$, $\pm 10V$ (x1 probe)
Overvoltage protection	$\pm 50V$ (x1 probe)
Input impedance	1 M Ω 50 pF
Accuracy	$\pm 2\%$
Time bases	500 μs , 1ms, 2ms, 5ms, 10ms, 20ms, 40ms, 100ms, 200ms, 400ms, 800ms
Spectrum range	0 – 50 kHz, 70 dB dynamic range
Bandwidth	50 kHz
Dimensions	170 x 112 x 30 mm
PC connector	USB
PC interface	USB 2.0 (USB 1.1 compatible)
Software supplied	Decode DSO 1.0 Oscilloscope, data logger for Microsoft Windows®