

Hantek 1008C 8CH PC USB Automotive Diagnostic Digital Oscilloscope DAQ Program Generator 8CH 2.4MSa/s vehicle tester

>Product Description

Feature

Highly efficient and cost-effective; 8 channels oscilloscope for vehicle testing; 2.4MSa/s real time sampling rate, 12bit vertical resolution; DAQ card function; 8 channels programmable generator which can analog signals of crankshaft, camshaft etc.

1) Vehicle Testing

First Diagnosis: Intake manifold vacuum & ignition, Petrol fumes adjusting valve vacuum & ignition, Idle exhaust ignition, Starting exhaust ignition

Ignition: primary and secondary

Sensor: Air Flow Meter, Camshaft, Crankshaft, Distributor, Lambda sensor, Throttle position

Bus Diagnosis: CAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus

Performer: Petrol/Diesel

Starter and charging circuits

2) Oscilloscope

8 channels oscilloscope, 2.4MSa/s real time sampling rate

12 bits vertical resolution, spectrum analysis function

3) Programmable Generator

8 channels programmable generator

Can analog signals of crankshaft, camshaft etc.

4) Others

USB 2.0 interface plug and play, and no need extra power supply;

More than 20 types of automatic testing function, a similar interface with benchtop oscilloscope, easy to use;

Software support: Windows NT, Window 2000, Windows XP, VISTA, Windows 7;

Model Hantek1008

Oscilloscope Mode

Vertical System

Analog Channel 8

Input Impedance Resistance: 1M Ω

Input Sensitivity 10mV/div to 5V/div

Input Coupling DC

Resolution 12 bits

Horizontal System

Memory Depth 4K

Max. Input 400V (DC+AC Peak)

Real-Time Sampling Rate 2.4MSa/s

Time Base Range 1ns/div to 20000s/div(1-2-5sequences)

Time Base Precision ± 50 ppm

Trigger System

Time Base Range 1ns/div to 20000s/div(1-2-5sequences)

Time Base Precision ± 50 ppm

Trigger Source CH1, CH2, CH3, CH4, CH5, CH6, CH7, CH8

Trigger Mode Edge

X-Y Mode

X-Axis Input CH1

Y-Axis Input CH2

Cursors and Measurement

Voltage Measurement Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot

Time Measurement Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle

Cursors Measurement Horizontal, Vertical, Track, Auto Measure Modes

Waveform Signal Process +, -, x, \div , FFT, Invert

10mV to 5V/div @ x 1 probe

100mV to 50V/div @ x 10 probe

Voltage Range 10V to 5000V/div @ x 1000 probe

100V to 50000V/div @ x 10000 probe

200mV to 100V/div @ 20:1

Current Range 100mA to 50.0A/div @ CC65(20A)

1000mA to500.0A/div @ CC65(65A)

1A to100.0A/div @ CC650(60A)

1A to200.0A/div @CC1100(100A)

10A to2000.0A/div @CC1100(1100A)

FFT Rectangular, Hanning, Hamming, Blackman Window

Math Addition, subtraction, multiplication, division

Programmable Generator

Channel 8

Output Level LVTTTL

Frequency Range 0-250kHz

Interface USB 2.0(Full Speed)

Power No need extra power supply

Size & Weight 185 x 150 x 27 (mm); 0.35kg







Store No. 1112 73



A1	VCC
A0	GND
GND	GND
GND	GND
D0	D0
D1	D1
D2	D2
D3	D3
GND	GND
GND	GND
D4	D4
D5	D5
D6	D6
D7	D7
GND	GND
GND	GND

CH7
CH8

8CH Oscilloscope

12Bits Vertical Resolution
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8CH Programmable Generator

Hantek® 1008C

1KHz
2Vp-p

CH1 CH2 CH3 CH4 CH5 CH6





WARNING:
No operable parts inside. Avoid
combustible gases, vapours,
dust, strong electromagnetic
or electrostatic fields.

PCDS0814759

CE

WEEE-Pak. Nr.
042001718

Store No. 1112173



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4	9999	4
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1	9999	1

Store No. 111213

Hantek 1008C

1KHz
2Vp-p





