

Hantek1008B/C Automotive 8-channel oscilloscope



8 channels oscilloscope for vehicle testing. Over 80 types of automotive diagnostic function (Ignition/Sensor/Bus detection/Performe/Starter and charging circuits etc.). Video Help Function, provides the video help of diagnostic which can be watching online, The diagnostic result can be generated diagnostic report., printed or taken screenshot by pushing one key, many methods to save the data. Supported to record waveform for a long time. It can simulate camshaft and crankshaft signal. Transmit signals through USB 2.0 interface plug and play, and no need extra power supply;

Diagnosis	Vehicle Diagnostic Function	Ignition	Primary Ignition (Voltage)
			Primary Ignition (current)
			Primary Ignition (Voltage& Current)
			Primary Ignition (Crankshaft Sensor)
			Primary Ignition&SecondaryIgnition
		Secondary	Secondary Ignition Distributor Type (Plug Lead)
			Secondary Ignition Distributor Type (King Lead)
			Secondary DIS (Positive-fired)
			Secondary DIS or CPC (Negative-fired))
			Secondary Coil Output Diagnosis
			Secondary Ignition&Primary Ignition
	Sensors	Air Flow Meter	Air Flow Meter (Hot Wire)
			Air Flow Meter (Air Vane)
			Air FlowSensor (BOSCH Diesel)
			Air Intake PressureSensor (BOSCH Diesel)
		Camshaft	Camshaft (Inductive)
			Camshaft (AC Excited)
			Camshaft (Hall Effect)
			Camshaft (BOSCH Common Rail Diesel)
		Crankshaft	Crankshaft Inductive Running

			Crankshaft Inductive Cranking
			Crankshaft Hall Effect
			Crankshaft Sensor &Primary Ignition
		Distributor	Distributor Pick-up (Hall Effect)
			Distributor Inductive Pick-up Cranking
			Distributor Inductive Pick-up Running
		Lambda Sensors	Lambda Sensor Titania
			Lambda Sensor Zirconia
			Lambda Sensor Zirconia Pre & Post cat
		Throttle Position	Throttle Position Potentiometer
			Throttle Position Switch
			Throttle Pedal Switch (Bosch Diesel)
			ABS Digital Speed Sensor
			ABS Analog Speed Sensor
			Coolant Temperature (5V)
			Coolant Temperature (GM/Vauxhall Simtec
			Crash Sensor
			MAP Analog
			MAP Digital
			Hall Effect Road Speed Sensor
			Accelerator Pedal (Bosch Diesel)
	Bus Diagnosis	CAN Bus	CAN Bus Data View
			CAN Bus Signal Integrity
			CAN Bus LH Long Capture
		LIN Bus	LIN Bus
	Engine	Petrol	Single-point Injector (Voltage)
			Single-point Injector (Current)
			Multi-point Injector (Voltage)
			Multi-point Injector (Current)
			Injector Voltage & Current
			Injector Current & Primary Ignition
		Diesel	Common Rail Diesel (Current)
			Injector Bosch CDi 3 (Current)
			Injector Bosch Diesel (Idling)
			Injector Bosch Diesel (Accelerating)
			Diesel Glow Plugs
			Electronic Fuel Pump
			Carbon Canister Solenoid Valve

			ERG Recirculation Solenoid Valve
			Stepper Motor Example 1
			Stepper Motor Example 2
			Idle Speed Control Valve (Rotary)
			Idle Speed Control Valve (Electromagnetic)
			Throttle Servomotor (Idling)
			Throttle Servomotor (Accelerating)
			Bosch CDi3 Quantity Control Valve
			Bosch CDi3 Pressure Regulator Valve
			Variable-Speed Cooling Fan On
			Variable-Speed Cooling Fan Off
			Variable Camshaft Valve Timing
	Startup & Charge	Charging Circuits	Charging Circuits Current/Voltage
			Charging Circuits Current/Voltage Starting 24V
			Charging Circuits Current/Voltage Idling 24V
			Charging Circuits Alternator AC Ripple/Diode Diagnosis
			Relative Compression Petrol
			Relative Compression Diesel
			Starting Voltage Drop
General Oscilloscope	Model	Hantek1008C	
	Analog Channel	8	
	Input Impedance	Resistance: 1MΩ	
	Input Sensitivity	10mV/div to 5V/div	
	Input Coupling	DC	
	Resolution	12 bits	
	Memory Depth	4K	
	Max. Input	400V (DC+AC Peak)	
	Real-Time Sampling Rate	2.4MSa/s	
	Time BaseRange	1ns/div to 20000s/div(1-2-5sequences)	
	Time Base Precision	±50ppm	
	Trigger Source	CH1, CH2,CH3,CH4, CH5, CH6,CH7,CH8	
	Trigger Mode	Edge	
	X-Axis Input	CH1	
	Y-Axis Input	CH2	
	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, ÷, FFT, Invert
	Voltage Range	10mV to 5V/div @ x 1 probe
		100mV to 50V/div @ x 10 probe
		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 to 500.0A/div @ CC65(65A)
		1A to 100.0A/div @ CC650(60A)
		1A to 200.0A/div @ CC1100(100A)
		10A to 2000.0A/div @ CC1100(1100A)
	FFT	Rectangular, Hanning, Hamming, Blackman Window
	Math	Addition, subtraction, multiplication, division
	Interface	USB 2.0(Full Speed)
	Power	No need extra power supply
Programmable signal generator	Size	190 x 167 x 35 (mm)
	Weight	0.63kg
	High pressure ignition probe	1
	Channel	8CH
	Output Level	LV TTL
	Frequency Range	0-250kHz

