Automotive Diagnostic Oscilloscope

4 Channels, 70MHz Bandwidth, 1GSa/s Sampling Rate

Hantek6074BE Kit IV



Features

- Standard equipped over 80 types of automotive measurement function (Ignition Action/The Sensor/Bus Diagnosis/Performer/Startup&Charge).
- 4 channels oscilloscope, 1GSa/s real time sampling rate, 2mV-10V/DIV high input sensitivity and large input range, 70MHz high bandwidth.
- USB 2.0 interface plug and play, and no need extra power supply; Support tablet PC; Support WIN10/ WIN8/WIN7 etc.

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Vehicle Testing Photo

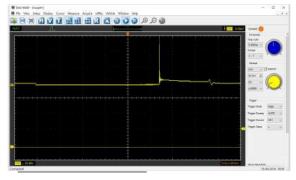


Interface when run software

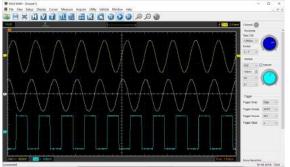


Reference Auto Diagnosis Waveforms



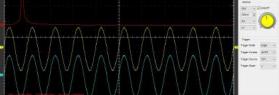


Oscilloscope- Reference Waveform Function

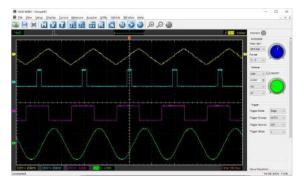


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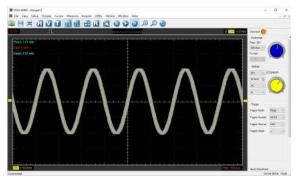
Oscilloscope- FFT Function



Oscilloscope- 4 Channels



Oscilloscope-Pass/Fail Function



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Kit IV: 1pc 4 channels 70 MHz USB Oscilloscope+ 1pc Toolcase +Automobile Diagnosis Accessories: 2pcs Test Leads with BNC plug and alligator clip HT324, 4pcs auto test cable HT30A, 4pcs auto ignition probe HT25, 4pcs 20:1 attenuator HT201, 4pairs large gator clip HT18A, 4pairs multimeter probe HT19, 1set acupuncture probe set HT307, 1pc Breakout Leads HT301, 4pcs coil-on-plug extension cord HT308, 1pc auto power adapter HT310, 1pc AC/DC current clamp CC-65, 1pc AC/DC current clamp CC-650.



Picture		Description	Picture		Description
	HT18A	Large Gator Clip		HT19	Multimeter Probe
Hanter - Anterior	HT201	20:1 Attenuator		HT25	Auto Ignition Probe
0	HT30A	Auto Test Cable		HT301	Breakout Leads
	HT307	Acupuncture Probe Set		HT308	Coil-on-plug Extension Cord
	HT324	Test Leads with BNC Plug and Alligator Clip		HT310	Auto Power Adapter
	CC65	Current Clamp		CC650	Current Clamp

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Bandwidth70MHzBandwidthIntake manifold vacuum & ignition, Petrol fumes adjusting valve vacuum & ignition, Idle exhaust ignition, Starting exhaust ignition;AutomotiveSensor: Air Flow Meter, Camshaft, Crankshaft, Distributor, Lambda sensor, Throttle position;Neasurement FunctionCAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus; Performer: Petrol/Diesel; Starter and charging circuitsChannel4 CHReal-time Sampling Rate Ime Base PrecisionISGa/sIme Base RangeIns/div-1000s/div (1-2-4 sequences)Input ImpedanceJM25pFInput SensitivityBitVertical Displacement Range2mV - 10V/div@ x1 probe; 20mV ~ 1000V/div@ x1000 probe; 20mV ~ 1000V/div@ x1000 probe; 2V ~ 10000V/div@ x1000 probeDC Gain Accuracy15%
Automotive Measurement Functionignition, Idle exhaust ignition, Starting exhaust ignition; Sensor: Air Flow Meter, Camshaft, Crankshaft, Distributor, Lambda sensor, Throttle position;CAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus; Performer: Petrol/Diesel; Starter and charging circuitsChannel4 CHReal-time Sampling Rate I GSa/sIGSa/sMemory Depth64KTime Base Precision Time Base Range2ns/div-1000s/div (1-2-4 sequences)Input Impedance Input SensitivityImV25pFInput Sensitivity Vertical ResolutionBitVertical Resolution RangeBit
Automotive Measurement FunctionThrottle position;CAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus;Performer: Petrol/Diesel;Deformer: Petrol/Diesel;Starter and charging circuitsChannel4 CHReal-time Sampling Rat1GSa/sMemory Depth64K100150pmTime Base Precision150pm101 Impedance1002/sit (1-2-4 sequences)101 Isonsitivity0m/div~100/div (1-2-4 sequences)101 Sensitivity1002/sit (1-2-4 sequences)101 Sensitivity1002/sit (1-2-4 sequences)101 Sensitivity81tVertical Resolution81tSensitivity2m/~100/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe; 20m/~1000/div@x1probe;
Measurement FunctionCAN bus data examine, CAN bus signal integrity, CAN bus LH long time acquisition, LIN bus;Performer: Petrol/Diesel; Starter and charging circuitsChannel4 CHReal-time Sampling Rate1GSa/sMemory Depth64KTime Base Precision±50ppmTime Base Range2ns/div-1000s/div (1-2-4 sequences)Input Impedance1MΩ 25pFInput Sensitivity8BitVertical Resolution8BitVertical Displacement ange2mV~ 10V/div@x1 probe; 20mV~ 100V/div@x10 probe; 20mV~ 1000V/div@x100 probe; 2V~ 1000V/div@x1000 probe
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Vertical Displacement2mV ~ 10V/div @ x1 probe; 20mV ~ 100V/div @ x10 probe;Range200mV ~ 1000V/div @ x100 probe; 2V ~ 10000V/div @ x1000 probe
Range 200mV ~ 1000V/div @ x100 probe; 2V ~ 10000V/div @ x1000 probe
DC Gain Accuracy ±3%
Bandwidth Limit 20MHz
Trigger Mode Edge, Pulse, Video, Alternative
Trigger Source CH1, CH2, CH3,CH4
Waveform Signal +,-,x,÷,FFT, Invert
Cursors Measurement Cross, Trace, Horizontal, Vertical
Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot,Auto MeasurementOvershoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
Volume 175mm * 105mm * 25mm
Weight 0.9KG

