

Hantek 4 Channel Oscilloscope *built in wifi*



- Automatic Diagnose: Ignition (primary and secondary), Injectors and fuel pumps, Starter and charging circuits, Batteries, alternators and starter motors, Lambda, Airflow, knock and MAP sensors, Glow plugs / timer relays, CAN bus, LIN bus and FlexRay
- Vehicle Diagnosis: First Diagnosis(Cracking Exhaust Diagnosis), Ignition Action(Current/Voltage), The Sensor(Air Flow Meter,Camshaft,Crankshaft...), Bus Diagnosis(CAN Bus Data View), Performer(Petrol/Diesel), Startup&Charge(Charging Circuits Current/Voltage)
- 4 Channels and EXT trigger, 60MHz Bandwidth. 200MS/s real-time sampling rate, 10k--16M memory depth per Channel.
- Frequency Counter, FFT spectrum analysis.
- 8--36V Wide range of input voltage suitable for vehicle power test.
- USB 2.0 interface plug and play, LAN and WIFI included.
- More than 20 kinds of automatic measurement functions include PASS/ FAIL Check function
- Work with Windows NT, Windows 2000, Windows XP, VISTA, Windows 7

Hardware Specification

Analog Channels	4
Bandwidth	60MHz(-3dB)
Rise Time	5.8ns
Input Impedance	Resistance: 1MΩ ; Capacitance: 25 pF
Input Sensitivity	10mV/div to 5V/div
Input Coupling	AC/DC/GND
Vertical Resolution	8 bits
Memory Depth	10K-16M/CH

Maximum Input	300V (DC+AC Peak)
Real-Time Sampling Rate	200MS/s
Time Base Range	5ns/div to 1000s/div(1-2-5 sequences)
Time Base Precision	±50ppm
Source	CH1, CH2,CH3,CH4,EXT
Mode	Edge,Pulse,Viedo,Alternative
X-Axis Input/ Y-Axis Input	CH1/ CH2
Phrase Shift	Max.3 degree
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
Auto Set	yes
Voltage Range	10mV to 5V/div @ x 1 probe
Current Range	100mV to 50V/div @ x 10 probe
	1V to 500V/div @ x 100 probe
	10V to 5000V/div @ x 1000 probe
	100V to 50000V/div @ x 10000 probe
	200mV to 100V/div @ 20:1
	CC65(20A),CC65(60A),CC650,CC1100
CORSOR	Time/frequency difference, voltage difference
FFT	Rectangular, Hanning, Hamming, Blackman Window
MATH	Adition, subtraction, multiplication, division
Interface	USB 2.0(Lan ,WIFI built in)
Power Source	8--36V Wide range of input voltage, suitable for vehicle power test

Standard Accessories



Optional Accessories:

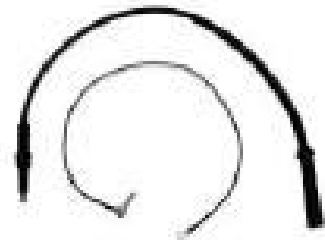
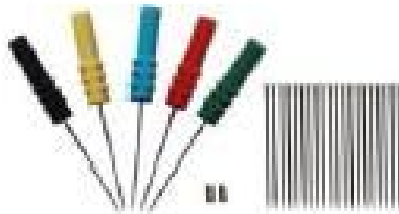
Optional power (HT310) High Pressure Ignition Probe (HT25) Attenuator (HT201)



Needle (HT307)

Test Leads (HT30A)

Coil on Plug Extension Leads (HT308)



Coming: Break Out Leads (HT301)

Current Clamp (CC-65)

Coming : Current Clamp (CC-650)

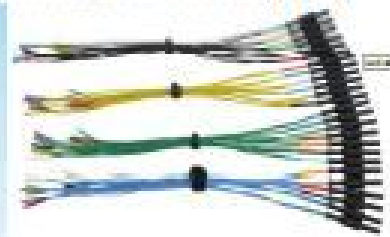


Current Clamp (CC-1100) Multimeter Probe (HT-19)

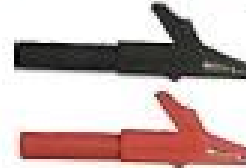
Large Dolphin Gator Clips (HT18A)



Coming: BNC to 4mm Adaptor (HT501) Probe (HT-502) 6 Way Universal Break Out Cords (HT314)



BNC to BNC Connecting Cable(TA093) Fuse Extension Cord (PP408) Small Crocodile Gator Clips (TA003)



Oscilloscope Probe (comes in 4 models)



Probe Model	Bandwidth	Enlarge Rate	Input Voltage
PP80	60 MHZ	10	1x: <200V DC +Peak AC
PP150	100 MHZ	10	10x: <600V DC +Peak AC
PP200	200 MHZ	10	
T3100	100 MHZ	100	2500V