HANTEK Automotive Diagnostic Oscilloscope kits

Characteristic

Vehicle Diagnosis :

- First Diagnosis(Cranking Exhaust Diagnosis)
- Ignition Action(Current/Voltage)
- The Sensor(Air Flow Meter,Camshaft,Crankshaftˇ)
- Bus Diagnosis(CAN Bus Data View)
- Performer(Petrol/Diesel)
- Startup&Charge(Charging Circuits Current/Voltage)

Oscilloscope:
- 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 optional.
- More than 20 kinds of automatic measurement
  andPASS/FAIL Check function, which is suitable for engineering application.
- Excellent industrial design, similar interface with bench oscilloscope ,Easy to use.
- Software support：Windows NT, Windows 2000, Windows XP,VISTA,Windows 7.
- Supply DEMO code (VC,VB,LABVIEW) and technical support.

.Hardware Specification

Model		DSO3064
Voltage System	Analog Channels	4
	Bandwidth	60MHz(-3dB)
	Rise Time	5.8ns
	Input Impedance	Resistance: 1M⌒ ; 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	400V (DC+AC Peak)
Horizontal System	Real-Time Sampling Rate	200MS/s

	Time Base Range	5ns/div to 1000s/div(1-2-5 sequences)
	Time Base Precision	50ppm
Trigger System	Source	CH1, CH2,CH3,CH4,EXT
	Mode	Edge,Pulse,Viedo,Alternative
X-Y Mode	X-Axis Input	CH1
	Y-Axis Input	CH2
	Phrase Shift	Max.3 degree
Measure	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
		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
Current Range		CC65(20A),CC65(60A),CC650,CC1100
FFT		Rectangular,Hanning,Hamming,Blackman Window
Math		Adition,subtraction,multiplication,division
Interface		USB 2.0(Lan ,WIFI Optional)
Power Source		8--36V Wide range of input voltage,suitable for vehicle power test
Mechanics	Dimension	255 x 190 x 45 (mm)
	Weight	1Kg

Software :

Operating system: Windows 2000, Windows XP ,VISTA,Windows 7

Second Design :

Supply DEMO code (VC、VB、LABVIEW) and technical support.