

Hantek6074BE Series - Features and Benefits



- 12bit and 14bit high resolution ADC shows waveforms in detail
- Max to 200MHz bandwidth, 1GS/s sample rate with 40Mpt memory
- Low background noise, vertical sensitivity in 1mV/div~10V/div
- 3rd generation technology platform - Xvisual
- 8-inch 800 x 600 high resolution LCD(Touch Screen optional)
- Optional Multimeter/Arb Waveform Generator/Module/Decoding Kit functions
- Optional Battery pack

Main Specifications	Model	Hantek6074BE
	Bandwidth	70MHz
	Automotive Measurement Function	Intake manifold vacuum & ignition, Petrol fumes adjusting valve vacuum & ignition, 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 circuits
	Channel	4 CH
	Real-time Sampling Rate	1GSa/s
	Memory Depth	64K
	Time Base Precision	±50ppm
	Time Base Range	2ns/div-1000s/div (1-2-4 sequences)
	Input Impedance	1MΩ 25pF
	Input Sensitivity	2mV/div~10V/div
	Vertical Resolution	8Bit
	Vertical Displacement Range	2mV~10V/div @ x1 probe; 20mV~100V/div @ x10 probe; 200mV~1000V/div @ x100 probe; 2V~10000V/div @ x1000 probe
	DC Gain Accuracy	±3%
	Bandwidth	20MHz
	Trigger Mode	Edge, Pulse, Video, Alternative
	Trigger Source	CH1, CH2, CH3,CH4
	Waveform Signal Process	+, -, x, ÷, FFT, Invert
	Cursors Measurement	Cross, Trace, Horizontal, Vertical
	Auto Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
Dimensions	175mm * 105mm * 25mm	
Weight	0.9kg	
Accessory	2 passive probes, 2 gator clip lines	

Selection Guide

Model	Paper Case	Aluminum Case	HT18A	HT19	HT201	HT25	HT30A	HT301	HT307	HT308	HT310	HT324	CC-65	CC-650
Hantek6074BE Kit I	1	0	1	1	0	1	1	0	1	0	0	3	0	0
Hantek6074BE Kit II	0	1	2	2	2	1	1	1	1	0	0	2	0	0
Hantek6074BE Kit III	0	1	4	4	4	4	4	1	1	4	1	2	0	0
Hantek6074BE Kit IV	0	1	4	4	4	4	4	1	1	4	1	2	1	1