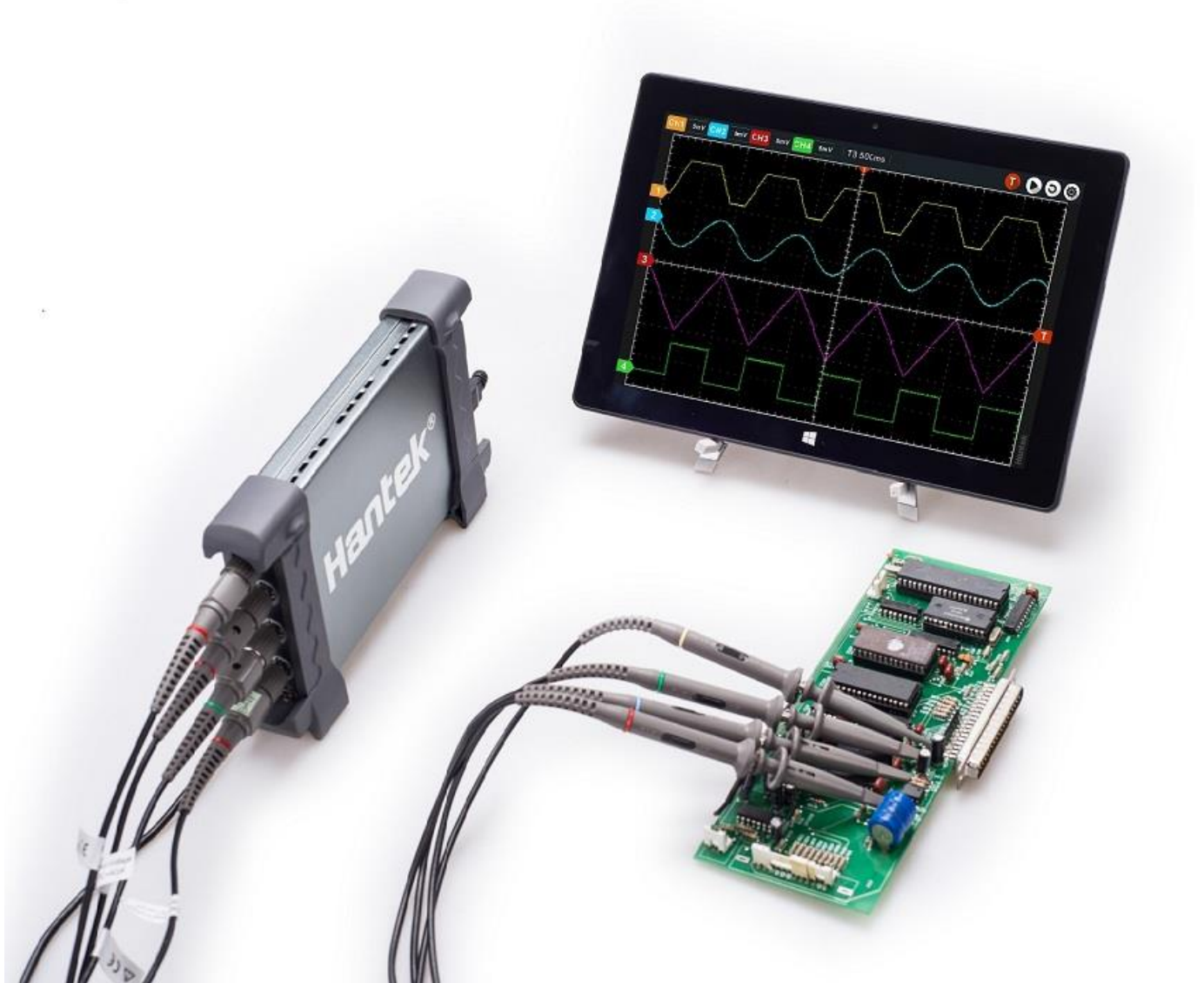


## Hantek6000BD Series 4CH oscilloscope & function/Arb. waveform generator



### Feature

- 4CH oscilloscope & function/Arb. waveform generator.
- The performance of this model could even better than the performance of benchtop oscilloscope. It has 4 independent analog channels, 1GSa/s real-time sampling rate, 2mV-10V/DIV input sensitivity, and 250MHz bandwidth.
- Function/Arbitrary Waveform Generator: 200MSa/s DDS, 12bits of vertical resolution, built-in variety of standard waveforms, arbitrary waveform easy to edit, which is convenient to reappear sensor and other irregular signal.
- Pass/fail test, resourceful trigger function, dynamic cursor tracking, waveform record and replay function. The operation interface is similar to benchtop oscilloscope, easy to operate with high cost performance.
- USB2.0 Interface, plug and play device.

- Good mechanical design with small size which is easy for carrying. The outer case is made by the same material with iPad - Anodised aluminium. It has great heat resistance and abrasive resistance with beautiful appearance. The hardness of aluminium alloy surface is greatly improved.
- Fit for the portable computers, table PC, and repairing/fixing of production line. Suitable for business trip use.
- Software support: Windows10, Windows 8, Windows 7
- The waveform data could be output to EXCEL,BMP,JPG as time and voltage category.
- More than 20 kinds of automatic measurement function, PASS/FAIL Check function, fit for engineering application.
- Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display.
- FFT spectrum analyzer
- One computer could connect with multiple oscilloscopes, expand the channel number easily.
- USBXI standard interface, easy to insert into USBXI case to constitute assembling instrument.
- Provide secondary development library DLL; Provide Labview\VB\VC developing examples.

Model	Hantek6074BD/Hantek6104BD/Hantek6204BD/Hantek6254BD
Bandwidth	70MHz/100MHz/200MHz/250MHz
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
Arbitrary Waveform Generator Mode	
Waveform Frequency	DC~25MHz
DAC	2K~200MHz adjustable
Frequency Resolution	0.10%
Channel	1CH waveform output
Waveform Depth	2KSa
Vertical Resolution	12 bit
Frequency Stability	<30ppm
Wave Amplitude	±3.5V Max.
Output Impedance	50 Ω
Output Current	50mA, Ipeak=50mA
System BW	25M
Harmonic Distortion	-50dBc(1KHz), -40dBc(10KHz)

General Features

Volume	175mm * 105mm * 25mm
Weight	0.9KG
Accessory	2 passive probes, 2 gator clip lines, 1 BNC to BNC cord

