

# Hantek 1600H

## Handheld ScopeMeter

### Features

600/500/200/60MHz Bandwidth with 2 Channels  
 2Gsa/s, 1Gsa/s, 500Msa/s & 150Msa/s Real-Time Sampling Rate  
 50Gsa/s, Equivalent-Time Sampling Rate  
 6,600-Count DMM resolution with AC/DC/ at 600V, 10A  
 Large 5.7 inch TFT Color LCD Display  
 USB Host/Device 2.0 full-speed interface connectivity  
 Multi-Language Support  
 Battery Power Operation (Installed)



### Specifications

SPECIFICATIONS		Hantek 1060	Hantek 1200	Hantek 1500	Hantek 1600	Hantek 1600H
VERTICAL	Channels	2	2	2	2	2
	Bandwidth	60MHz	200MHz	500MHz	600MHz	600MHz
	Rise Time	5.8ns	1.7ns	0.7ns	0.58ns	
	Input Impedance	Resistance: 1M ; Capacitance: 15 pF				
	Input Sensitivity	10mV/div to 5V/div		2mV/div to 10V/div		
	Input Coupling	AC, DC with Groud Level Indicator				
	Vertical Resolution	8 bits				
	Memory Depth	32k at Singal Channel, 16k at Dual Channel				
Maximum Input	300V (DC+AC Peak)					
HORIZONTAL	Sampling	150MSa/s	250MSa/s	500MSa/s	1GSa/s	2GS/s
	Time Base Range	5ns/div~1000s/div			1ns/div~1000s/div	
	Time Base Precision	±50ppm				
TRIGGER	Source	CH1, CH2		Edge, Vedio, Pulse Width, Alternative		
	Mode	Edge, Pulse Width, Alternative		Edge, Vedio, Pulse Width, Alternative		
X-Y MODE	X-Axis Input	Channel 1				
	Y-Axis Input	Channel 2				
	Phrase Shift	Max.3 degree				
CURSORS AND MEASUREMENT	Voltage Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot				
	Time Measurement	Frequency, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle				
	Delay Measurement	Delay 1->2, Dealy 1->2				
	Curcors Measurement	Manual, Track, Auto Measure Modes				
	Waveform Signal Process	CH1+/- CH2, CH1xCH2, CH1/CH2, FFT, Invert				
METER MODE	Storage	15 Waveforms and Setups				
	Maximum Resolution	6,600 Counts				
	DMM Testing Modes	Voltage, Current, Resistance, Capacitance, Diode & Continuity				
	Maximum Input Voltage	AC: 600V, DC: 600V				
	Maximum Input Current	AC: 10A, DC: 10A				
DISPLAY	Input Impedance	10 M@				
	TFT LCD Type	5.7 Inch with LED Backlight Display				
INTERFACE	Display Resolution	240 (Vertical) x 320 (Horizontal) Dots				
	USB	USB Host / Device 2.0 Full Speed Supported				
POWER SOURCE	Optional	RS232, LAN				
	Line Voltage Range	AC 100V ~ 240V, 50Hz ~ 60Hz; DC Input: 8.5VDC, 1500mA				
MECHANICS	Battery Power (Installed)	6 Hours (Li-ion Battery)				
	Dimension	245 x 163 x 52 (mm)				
Other	Weight	1.2Kgs				
	GND Reference	Oscilloscope and Multimeter Independence				