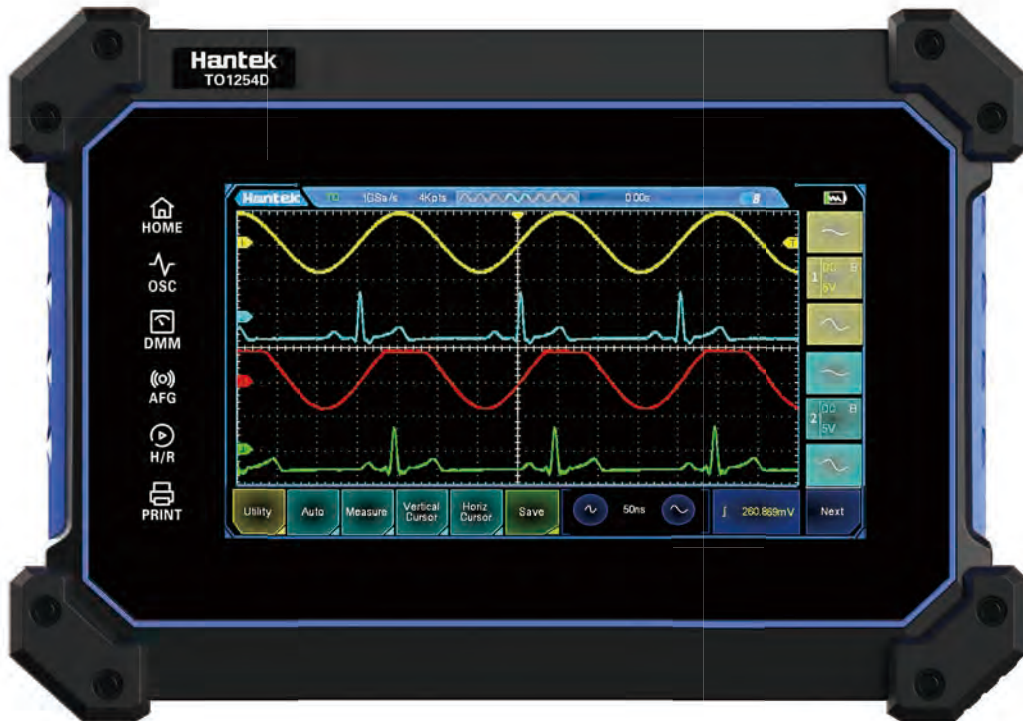




Tablet oscilloscope TO1000 Series

250MHz Bandwidth, 8M Memory Depth,
1GSa/s Sampling Rate



Product Features

- With optional digital multimeter with record function to monitor voltage, current, resistor data changing;
- 7-inch capacitive touch screen, 800×480 resolution, intuitive touch interface makes it easy to user;
- 110–250MHz bandwidth with 2 or 4 channels, 1GSa/s sampling rate, 8M memory depth;
- USB2.0 device interface, support removeable storage device;
- Up to 25MHz output 1 channel arbitrary waveform generator (optional);
- One key save ensure quick and simple waveform data storge;
- With rechargeable 1,000mAh lithium battery;
- USB Type C interface for charging and remote control;
- Adjustable mounted on and off kickstand, anti-shock PTE protective corner, make it easy for bench on field measurement.

Specification

Series	TO1000 Series (1GSa/s)	TO1112 Series (250MSa/s)
Channels	2 or 4	2
Bandwidth	150MHz, 200MHz, 250MHz	110MHz
Sampling Rate	1GSa/s single channel, 500MSa/s dual channels, 250MSa/s all channels	250MSa/s single channel
Memory Depth	8Mpts single channel	
Acquisition Mode	Normal, average, peak, high resolution (HR)	
Vertical Resolution	8 bits	
Vertical Sensitivity	1 MΩ: 2mV/div ~ 10 V/div	1 MΩ: 10mV/div ~ 10 V/div
Time Base Range	2 ns/div~100 s/div	
DC Gain Accuracy	±3% full scale	
Bandwidth Limit	20 MHz (selectable for each channel)	
Trigger Types	Edge, pulse width, slope, video, timeout	
Math	Add, subtrace, multiply, divide, FFT	
Auto Measurements	41 automated measurements, with statistics	
Input Coupling	DC, AC or GND	
Input Impedance	1 MΩ ± 1% ≈ 21 pF ± 3 pF	
Waveform Generator	Sampling rate: 200 MSa/s Vertical resolution: 12 bits Max. output frequency: 25 MHz Waveforms: sine, square, triangle, noise, DC, arbitrary	
Multimeter	Max. Resolution: 4000 points Measurement mode: voltage, current, resistance, capacitance, diode, continuity	
Power Adapter	Input: 100-240VAC, 50-60Hz Output: 5VDC 3A, 9VDC 2A, 12VDC 1.5A Support fast charging	
Battery	Lithium 3.7V 10,400mAh	Lithium 3.7V 5,200mAh
	Operating time ≥ 3 hours	
Dimensions	248mm x 176mm x 54mm (L x W x H)	
Weight	1.2kg(including battery)	
Display	7-inch capacitive multi-touch	

Model

Model	Channels	Bandwidth	Sampling Rate	Memory	Battery Capacity	Multimeter	Waveform Generator
TO1112	2CH	110MHz	250MSa/s	8Mpts	3.7V 5,200mAh Lithium rechargeable battery pack 3.7v 10,400mAh	--	--
TO1112C	2CH	110MHz	250MSa/s	8Mpts		4000 points	--
TO1112D	2CH	110MHz	250MSa/s	8Mpts		4000 points	25MHz, 1CH
TO1152C	2CH	150MHz	1GSa/s	8Mpts		4000 points	--
TO1202C	2CH	200MHz	1GSa/s	8Mpts		4000 points	--
TO1252C	2CH	250MHz	1GSa/s	8Mpts		4000 points	--
TO1152D	2CH	150MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH
TO1202D	2CH	200MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH
TO1252D	2CH	250MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH
TO1154C	4CH	150MHz	1GSa/s	8Mpts		4000 points	--
TO1204C	4CH	200MHz	1GSa/s	8Mpts		4000 points	--
TO1254C	4CH	250MHz	1GSa/s	8Mpts		4000 points	--
TO1154D	4CH	150MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH
TO1204D	4CH	200MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH
TO1254D	4CH	250MHz	1GSa/s	8Mpts		4000 points	25MHz, 1CH