

Model	TAO3072	TAO3102
Bandwidth	70MHz	100MHz
Sample Rate	1GS/s	
Record length	40M	
Waveform Refresh Rate	45,000 wfms/s	
Horizontal Scale (s/div))	1ns/div - 1000s/div, step by 1 - 2 - 5	
Channel	2	
Display	8" color LCD, 800 x 600 pixels display, multi-touch screen	
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF	
Max Input Voltage	1MΩ ≤ 300Vrms;	
DC Gain Accuracy	±3%	
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5	
Input Coupling	DC, AC, and GND	
Vertical Sensitivity	1mV/div - 10V/div (at input)	
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I <sup>2</sup> C, SPI, RS232, and CAN (optional)	
Bus Decoding(optional)	I <sup>2</sup> C, SPI, RS232, CAN	
Trigger Mode	Auto, Normal, and Single	
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase A→B ↑, Phase A→B↓, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B ↑, Delay A→B↓, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edges Count, Area, Cycle Area	
Waveform Math	+, -, ×, ÷, FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, Digital Filter	
Waveform Storage	100 waveforms	
Communication Interface	USB host, USB device, Pass/Fail, LAN, and Wi-Fi (optional)	
Frequency Counter	available	
Battery	7.4V, 8000mAh, 5 hours operation	
Dimension(WxHxD)	270 x 191 x 48 (mm)	
Device Weight	About 1.7kg	

+ **Multimeter Specifications** (only apply for 2 channels model)

Display	Voltage	Current	Impedance	Diode	Auto Ranging
4 1/2 digitals	mV: 20.000mV - 200.00mV DCV: 2.0000V - 1000.0V ACV: 2.0000V - 750.0V	ACD: 20.00A ACA: 20.00A	200.00Ω - 100.00MΩ	√	√

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