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TAO3000 Series Two-channel Handheld Digital Storage Oscilloscope



- + Oscilloscope + multimeter dual function in one (2-channel model)
- + Bandwidth up to 120MHz, real-time sampling rate 1GS / s
- + Up to 14 high-precision vertical resolutions
- + 40M memory depth, 45,000 wfms / s waveform refresh rate
- + Low local noise, more accurate small signal test
- + 8-inch (800 x 600) multi-touch LCD screen
- + Support SCPI, LabVIEW
- + Various advanced triggering and decoding functions
- + Multiple communication interfaces: USB host, USB device, LAN, WIFI (optional)

+ Main parameters (dual channel)

model	TAO3072	TAO3102	TAO3122	TAO3072A	TAO3102A	TAO3122A
Bandwidth	70MHz	100MHz	120MHz	70MHz	100MHz	120MHz
Sample Rate (real time)	1GS/s					
Vertical Resolution (A/D)	8 bits			8bits/12bits/14 bits		
Record length	40M					
Waveform Refresh Rate	45,000 wfms/s					
Horizontal Scale (s/div)	2ns/div - 1000s/div, step by 1 - 2 - 5					
Channel	2					
Display	8-inch (800 × 600) TFT LCD, multi-touch capacitive screen					
Input Impedance	1MΩ ± 2%, in parallel with 15pF ± 5pF					
Max Input Voltage	1MΩ ≤ 300Vrms;					
Probe Attenuation Factor	0.001X - 1000X, step by 1 - 2 - 5					
Sample Rate / Relay Time Accuracy	±10ppm					
Input Coupling	DC, AC, GND					
Vertical Sensitivity	1mV/div - 10V/div (at input)					
Trigger Type	Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I²C, SPI, RS232, and CAN (optional)					
Bus Decoding	I²C, SPI, RS232, and CAN (optional)					
Trigger Mode	Auto, Normal, and Single					
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Peak RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase, 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 Edge Count, FRR, FRF, FFR, FFF, LRR, LRF, LFR, LFF					
Waveform Math	+, -, ×, ÷, FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass, band reject)					
Waveform Storage	100 waveforms					
Communication Interface	USB, Pass/Fail, LAN, WIFI (optional)					
Frequency Counter	support					
BAT	7.4V, 8000mAh					
Dimension (W x H x D)	270x191x48 (mm)					
Weight	About 1.7kg					

+ Multimeter (optional) Specifications

Full Scale Reading	Voltage	Current	Input Impedance	Bipolar tube	Automatic measurement
4 1/2 digits	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	√	√

+ Accessories The accessories subject to final delivery.



Power Cord



Dispenser



Probe



CD Rom



Manual



USB



Proof proof



Frame



BNC-SAM



Universal
measurement
test



Current
external
capacity



Packa (optional)