

# TAO3000 Series

## Four-channel Handheld Digital Storage Oscilloscope



- + Bandwidth up to 100MHz, 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 (four channel)

型号	TAO3074	TAO3104	TAO3074A	TAO3104A
Bandwidth	70MHz	100MHz	70MHz	100MHz
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	4			
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, I <sup>2</sup> C, SPI, RS232, and CAN (optional)			
Bus Decoding	I <sup>2</sup> C, 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, Inta. Diff. Sarr. 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

**+ Accessories** The accessories subject to final delivery.



Power Cord



Dispenser



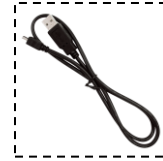
Probe



CD Rom



Manual



USB



Proof proof



Frame



BNC-SAM



Packa ( optional )