



[Tablet Oscilloscope](#) model

TO102/TO104

Bandwidth 100MHz
 Rise time 3.5ns
 Real time sampling 1GSa/s 500MSa/s
 rate
 Memory depth 18M/9M (optional max. memory depth 90M/45M)
 Max capture rate 200,000wfms/s
 Serial bus decode UART/RS232/422/485,LIN,CAN,SPI,I2C,1553B,429
 Channels 2/4
 Limited bandwidth 200MHz, 20MHz
 Coupling DC, AC, GND
 Input impedance $1M\Omega \pm 1\% \approx 15pF \pm 3pF$
 Input sensitivity 2mV/div ~ 5V/div
 range
 Vertical resolution 8 bit
 Maximum input 300V CAT III
 voltage
 Channel isolation 1000V CAT II 600V CAT III
 voltage
 Max floating 1000V CAT II 600V CAT III
 voltages between
 channels
 DC gain accuracy 2mV/div ~ 10V/div, $\pm 2.0\%$
 (typical)
 Timebase range 200ps/div ~ 1000s/div
 Timebase delay -12div ~ 12ks
 range
 Timebase accuracy 20ppm
 Sample mode normal, average, peak , envelop
 Dynamic recording $\leq 2H$

store waveform	4 ref waveform
Trigger type	edge, pulse, short pulse, logic, serial data (UART,LIN, CAN, SPI, I2C, 1553B, 429)
Trigger coupling	DC, AC, HF Rej, LF Rej, Noise Rej
Trigger mode	auto, normal, single
Trigger source	CH1,CH2,CH3,CH4
Trigger inhibition range	200ns~10s
Auto measurement types	31. measurements include: Period, Frequency, Delay, Rise Time, Fall Time, Positive Duty Cycle, Negative Duty Cycle, Positive Pulse Width, Negative Pulse Width, Burst Width, Phase, Positive Overshoot, Negative Overshoot, Peak to Peak, Amplitude, High, Low, Max, Min, Mean, Cycle Mean, RMS, Cycle RMS
Cursor types	vertical cursor, horizontal cursor, cross cursor
Operator	+ , - , * , /
FFT window settings	Rectangular, Hamming, Hanning, Blackman-Harris.
Display screen	10.1 inchesTFT LCD capacitive touch screen
Resolution	1024*600
3D waveform display	not support
Grid of waveform display zone	18div*10div
Display mode	XY, YT, Roll
Persist	auto, 100ms~10s or ∞
Mini USB2.0	connect to PC
USB2.0	flash disk, mouse, button, wireless mouse
Measurement type	13 physical measurements ,such as voltage, current, resistance, capacitance, diode, temperature, frequency , etc.
Measurement accuracy	/
Measurement display	5
Logger content	/
Logger timebase	10us/div~2min/div
Logger time length/	
Adapter	input: 100-240V, 50-60Hz, 2A; output:12VDC, 5A
Battery	7.4V/9000mAh, life length: 4~8h
Work environment	-20°C~+50°Coperaitng humidity< 95%RH operating altitude < 3000m storage altitude < 12000m
Dimension	275*210*60mm
Weight	main unit: 1770g, accessories: 420g, battery:276g