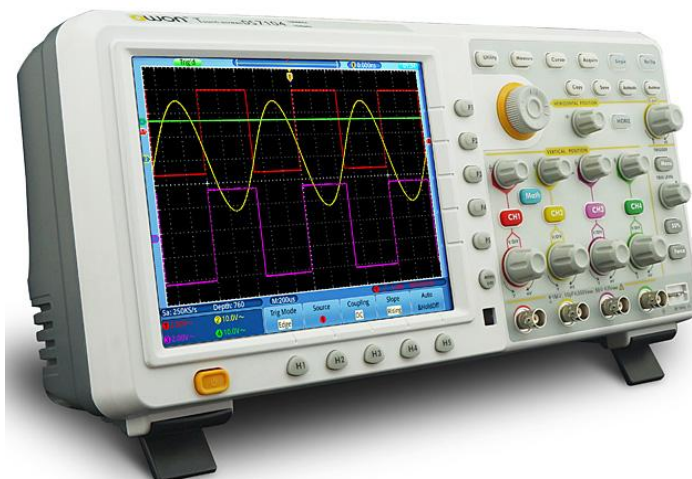


DIGITÁLIS OSZCILLOSKÓP

OWON TDS 7104



TECHNICAL DATA

OWON 7104 OSZCILLOSKÓP	
Bandwidth	100MHz
Channel	4
Sample Rate	1GS/s
Waveform Capture Rate	50,000 wfms/s
Display	8" touch screen color LCD
Input Coupling	DC, AC, and GND
Input Impedance	1MΩ ± 2%, in parallel with 10pF ± 5pF ; 50Ω ± 1%
Probe Attenuation Factor	1X, 10X, 100X, 1000X
Max Input Voltage	1MΩ input impedance : 400V (PK - PK) (DC + AC, PK - PK) ; 50Ω input impedance : 5V (PK - PK) (DC + AC, PK - PK)
Channel Isolation	50Hz : 100 : 1 ; 10MHz : 40 : 1
Interpolation	sin(x)/x
Record Length	7.6M
Horizontal Scale (s/div)	2ns/div - 100s/div, step by 1 - 2 - 5
Interval (ΔT) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm × reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm × reading + 0.4ns)
Vertical Resolution (A/D)	8 bits resolution (4 channels simultaneously)
Vertical Sensitivity	2mV/div - 10V/div (at input)
Analog Bandwidth	100MHz
LF Respond (AC, -3dB)	≥5Hz (at input, AC coupling, -3dB)
Rise Time	≤3.5ns
DC Accuracy	±3%
Trigger Type	Edge, Pulse, Video, Slope
Trigger Mode	Auto, Normal, Single
Trigger Level Range	±6 div from the screen center
Trigger level Accuracy (typical)	±0.3 div

LAPANTHERA KFT.

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DIGITÁLIS OSZCILLOSZKÓP

OWON TDS 7104

Line / Field Frequency (video)	NTSC, PAL, and SECAM standard	
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Overshoot, Preshoot, Rise Time, Fall Time, Delay A→B↑, Delay A→B↓, +Width, -Width, +Duty, -Duty	
Waveform Math	+, -, ×, ÷, FFT	
Waveform Storage	4 reference waveforms	
Lissajous	Bandwidth	full Bandwidth
Figure	Phase Difference	±3 degrees
Cursor Measurement	ΔV, and ΔT between cursors	
Communication Port	USB host, USB device, VGA, LAN, AUX	
Power Supply	100 - 240 V AC, 50/60Hz, CAT II	
Dimension (W×H×D)	380 × 180 × 115 (mm)	
Weight (without package)	1.5 kg	



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