

4-IN-1 MULTI-FUNCTION TABLET OSCILLOSCOPE



350MHz OSC



50M SG



200K-350MHz SA



100K-50MHz FRA



INTRODUCTION

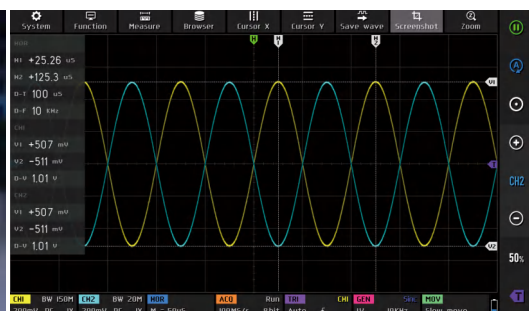
The DPOS350P is a high-performance 4-in-1 tool, combining a 350MHz dual-channel oscilloscope, 50MHz signal generator, 200K~350MHz spectrum analyzer, and 50MHz frequency response analyzer. With a 1GSPS real-time sampling rate, 350MHz bandwidth, and high waveform refresh rate, it efficiently captures and displays a wide range of signals, ideal for complex signal analysis and low-probability anomaly detection.

Equipped with a high-resolution display, touchscreen interface, intelligent triggering, and multiple measurement modes, the DPOS350P ensures precise, reliable testing in labs, production lines, and maintenance. Whether for high-frequency signal troubleshooting or routine R&D, it offers exceptional performance to boost productivity.

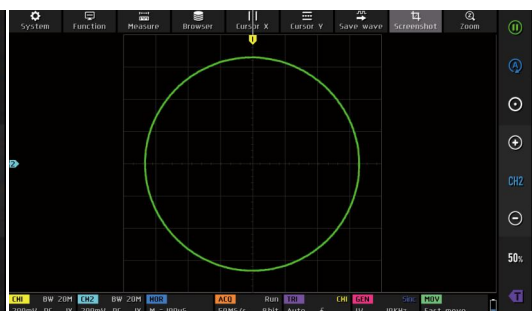


FEATURES

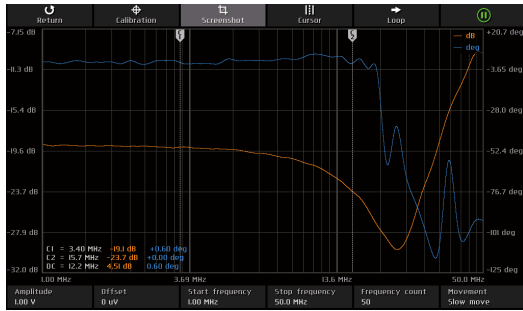
- One-stop integration 4 in 1, Oscilloscope/Signal Generator/Spectrum Analyzer/Frequency Response Analyzer
- Precise capture for low-probability anomaly signals with 350MHz bandwidth, 1GSa/s sampling rate, 50,000wfms refreshing rate
- 50MHz Signal Generator, support 14 types
- Spectrum Analyzer 200K~350MHz
- Frequency Response Analyzer 100Hz ~ 50MHz
- Next-level 8~16-bit technology
- Ultra-responsive 7" IPS Touch Screen
- Languages: Chinese/English/Russian/Portuguese



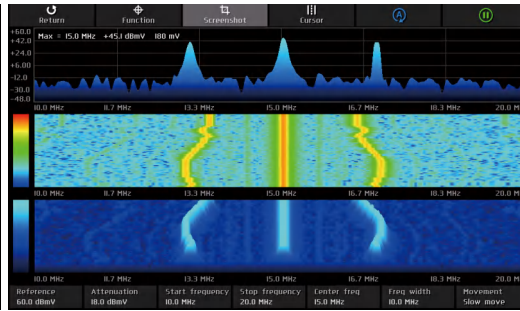
Cursor Measurement Interface



XY Mode Interface



Frequency Response Analyzer Interface



3D Waterfall Plot of the Spectrum Analyzer



TECHNICAL SPECIFICATIONS

Oscilloscope			
Bandwidth	350MHz	Channels	2CH
Sampling rate	1GSa/s	Rise time	<1nS
Memory depth	60kpts	Waveform capture rate	50,000wfm/s
Vertical resolution	8~16 bit	Input impedance	1MΩ/14PF
Vertical sensitivity	2mV/div-20V/div	Trigger types	Auto/Normal/Single
Time base scale	10nS/div-50S/div	Trigger Detection	Digital Trigger
Cursor Measurement	Time, Cycle, Freq., Level and Voltage	Bandwidth Limit	150M/20M
Waveform storage	500 groups	Screenshot Storage	90
Auto measurements	Vpp, Vmax, Vmin, Vrms, Vavg, Vp(Peak), Freq, Cycle, Time+, Time-, Duty+, Duty- 12 types		

Waveform Generator			
Max frequency	50MHz	Channels	1CH
Vertical resolution	1Hz	Modulations	Capture waveform as a source to output, 1MHz 2.4VPP
Frequency Characteristics	Sine:50MHz 5VPP	Square:10MHz 5VPP	Triangle:5MHz 5VPP
	Sawtooth:5MHz 5VPP	Anti-sawtooth:5MHz 5VPP	Ladder wave:5MHz 5VPP
	Half wave:10MHz 5VPP	Full wave:10MHz 5VPP	Exponential wave:3MHz 5VPP
	Ringing:50MHz 5VPP	Square root wave:3MHz 5VPP	Sine superposition: 5MHz 5VPP
	Sinc pulse wave:5MHz 5VPP	DC:5MHz 5VPP	Capture wave:3MHz 5VPP

Frequency Response Analyzer			
Excitation Frequency	100Hz~50MHz	Dynamic range	> 80 dB (typical)
Test amplitude range	0~5VPP	Frequency mode	Sweep or single
Measurements	Freq., Gain and Phase	Number of test points	20 to 500 points per decade

Spectrum Analyzer			
Frequency Range	200kHz~350MHz	Amplitude Range	-60dBmV ~ +260dBmV
Conversion Modes	FFT	Waterfall Plot	2/3D
Cursor Measurement	Frequency/Amplitude	System Calibration	✓
Auto Adjust			✓

GENERAL CHARACTERISTICS

Product Color	Graphite Gray	Product Net Weight	755g
Product Size	190*128*37mm	Standard Carton	55*39*27cm
Display	7-inch 1024*600 IPS LCD Screen	Carton Gross Weight	14.1kg
Battery	3.7V/8000mAh Lithium battery, Standby time 3 hours	Quantity Per Carton	10PCS
Standard Accessories	Main device*1, 350M Probe*2, Alligator Clip Probe *1, Charger(QC18W)*1, Data Cable*1, Manual*1		