

4-IN-1 MULTI-FUNCTION TABLET OSCILLOSCOPE



350MHz OSC



50M SG



200K-350MHz SA



100K-50MHz FRA



INTRODUCTION

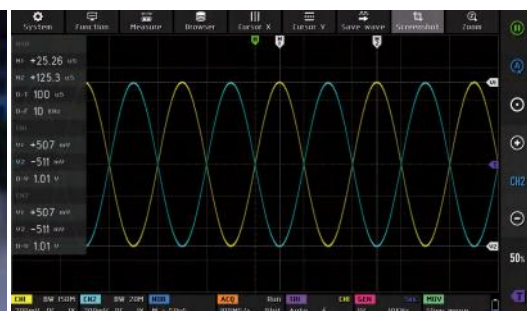
The DPOS350P is a high-performance 4-in-1 tool, combining a 350MHz dual-channel oscilloscope, 50MHz signal generator, 200K~350MHz spectrum analyzer, and 50MHz frequency response analyzer. With a 1GSPS real-time sampling rate, 350MHz bandwidth, and high waveform refresh rate, it efficiently captures and 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.

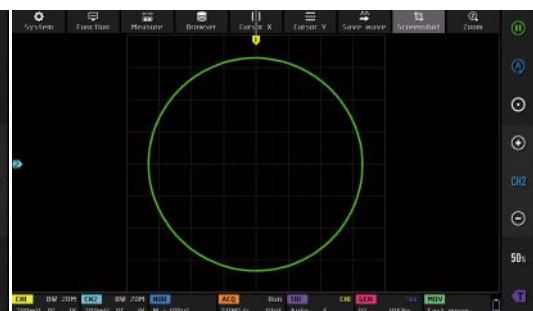


FEATURES

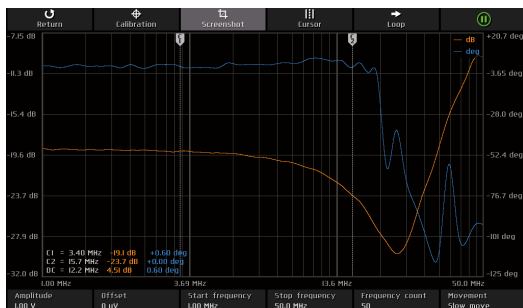
- One-stop integration 4 in 1, Oscilloscope/Signal Generator/Spectrum Analyzer/Frequency Response Analyzer
- Precise capture for low-probability anomaly signals with 350MHz bandwidth, 1GSa/s sampling rate, 50,000wfm/s refreshing rate
- 50MHz Signal Generator, support 14 types
- Spectrum Analyzer 200K~350MHz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



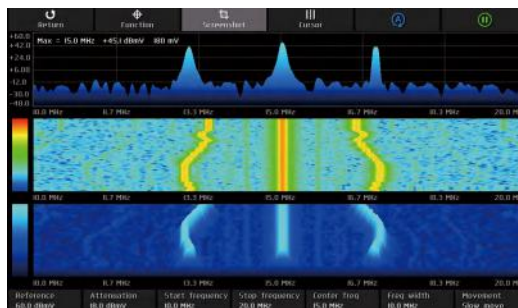
Cursor Measurement Interface



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 | 50,000wfms |
| 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 | | |