

**INTRODUCTION**

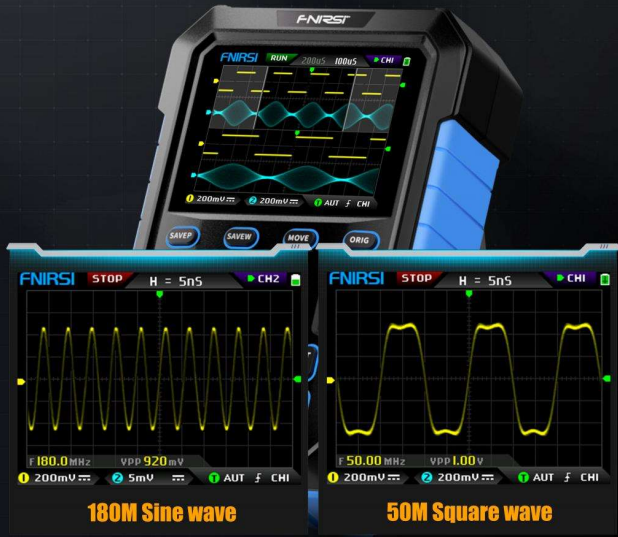
The DPOX180H is a 2 in 1 portable phosphor oscilloscope, 180MHz, 500MSa/s and 50000wfms/s oscilloscope built in 20MHz waveform generator. Phosphor display shows perfect waveforms and details, zoom function makes it unique from same level products, friendly UI interface makes operation never be complicated, all these makes it a perfect tool for maintenance groups, R&D engineers and students in electronics field, to do electronics testing, troubleshooting and maintenance in different scenes.

**FEATURES**

- 180MHz bandwidth, 500MSa/s sampling rate, 2CH digital oscilloscope
- Built in 20MHz waveform generator with 14 types signal output
- Phosphor technology shows perfect waveforms and details
- Limited 20 MHz bandwidth to filter out noise above 20 MHz
- High voltage protection, withstands 400V
- Languages: English, Russian, Portuguese, Chinese



**180MHZ BANDWIDTH AND 500MSPS REAL-TIME SAMPLING RATE**



**180M Sine wave**

**50M Square wave**

**20M FUNCTION SIGNAL GENERATOR**

The built-in signal generator can output capture wave and produce 14 types of function signals up to 10MHz, especially sine wave to be 20MHz.



**ZOOM SCALING TIME BASE**



**20M BANDWIDTH LIMIT**



**FLUORESCENT DISPLAY TECHNOLOGY**

# HANDHELD 2 IN1 DIGITAL PHOSPHOR OSCILLOSCOPE



**HIGH VOLTAGE  
ANTI-BURNING  
PROTECTION**



**5MV/DIV HIGH  
SENSITIVITY**



**180MHZ ANALOG  
BANDWIDTH**



**500MSA/S REAL-TIME  
SAMPLING RATE**



2-in-1 Digital Phosphor Oscilloscope



## TECHNICAL SPECIFICATIONS

### Oscilloscope

<b>Bandwidth</b>	180MHz	<b>Channels</b>	2CH
<b>Sampling Rate</b>	500MSa/s	<b>Rise Time</b>	1.8ns
<b>Memory Depth</b>	120kpts	<b>Waveform Capture Rate</b>	50000wfm/s
<b>Vertical Sensitivity</b>	5mV/div-10V/div	<b>Input Impedance</b>	1MΩ
<b>Time Base Scale</b>	5ns/div-50s/div	<b>Trigger Types</b>	Auto/Normal/Single
<b>Auto Measurements</b>	Max, Min,Avg, RMS, Peak, Pk-Pk, Freq, Cycle, Time+, Time-, Duty+, Duty- 12 types		

### Waveform Generator

<b>Max Frequency</b>	20MHz	<b>Channels</b>	1CH
<b>Resolution</b>	1Hz		
<b>Frequency Characteristics</b>	Sin: 20MHz 1VPP	Square: 10MHz 1VPP	
	Triangle: 10MHz 1VPP	Sawtooth: 10MHz 1VPP	
	Ladder: 10MHz 1VPP	Others: 10MHz 1VPP	
<b>Waveforms</b>	sine, square, triangle, sawtooth, anti sawtooth, ladder wave, half wave, full wave, exponential wave, logarithmic wave, log-periodic wave, square root wave, multi-tone signal, sync pulse wave; 14 types		

## GENERAL CHARACTERISTICS

<b>Product Color</b>	Blue & Black	<b>Product Net Weight</b>	325g
<b>Product Size</b>	135*90*40mm	<b>Standard Carton</b>	48*28.5*39cm
<b>Display</b>	2.8-inch IPS Screen 320*240	<b>Carton Gross Weight</b>	13.6kg
<b>Battery</b>	3.7V, 3000mAh, Lithium battery, Standby time 4 hours	<b>Quantity Per Carton</b>	20PCS
<b>Standard Accessories</b>	Main device*1, P6100 Probe*2, Charger*1, Data Cable*1, Manual*1		