

Handheld 2 in1 digital phosphor Oscilloscope DPOX180H



Introduction

DPOX180H is a 2 in 1 portable phosphor oscilloscope, 180MHz, 500MSa/s and 50000wfm/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

- 1- 180MHz bandwidth, 500MSa/s sampling rate, 2CH digital oscilloscope
- 2- Built in 20MHz waveform generator with 14 types signal output
- 3- Phosphor technology shows perfect waveforms and detail
- 4- limited 20 MHz bandwidth to filter out noise above 20 MHz
- 5- High voltage protection, withstand 400V
- 6- languages: English, Russian, Portuguese, Chinese

Application



Technical Specifications

Oscilloscope

Bandwidth	180MHz	Channels	2CH
Sampling rate	500MSa/s	Rise time	2.5nS
Memory depth	120kpts	Waveform capture rate	50000wfm/s
Vertical sensitivity	5mV/div-10V/div	Input impedance	1MΩ
Time base scale	5nS/div-50S/div	Trigger types	Auto/Normal/Single
Auto measurements	Max, Min,Avg, RMS, Peak, Pk-Pk, Freq, Cycle, Time+, Time-, Duty+, Duty- 12 types		

Waveform Generator

Max frequency	20MHz	Channels	1CH
Resolution	1Hz		
Frequency Characteristics	Sine: 20MHz	Square: 10MHz	
	Triangle: 10MHz	Sawtooth: 10MHz	
	Anti sawtooth: 10MHz	Others: 10MHz	
Waveforms	sine, square, triangle, sawtooth, anti sawtooth, ladder wave, half wave, full wave, exponential wave, logarithmic wave, exp-log wave, square root wave, multi-tone signal, sinc pulse wave; 14 types		

General Characteristics

Product color	Blue & Black
Product size	135*90*40mm
Display	2.8-inch IPS Screen 320*240
Battery	3.7V, 3000mAh, Lithium battery, Standby time 4 hours
Standard accessories	Main device*1, P6100 Probe*2, Charger*1, Data Cable*1, Manual*1
Product net weight	325g
Standard carton	48*28.5*39cm
Carton gross weight	13.6kg
Quantity per carton	20PCS