

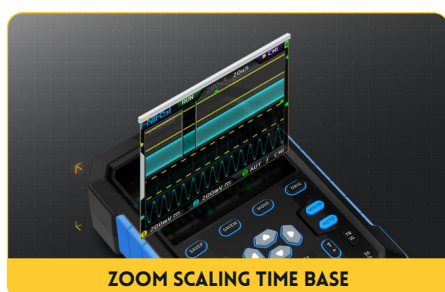
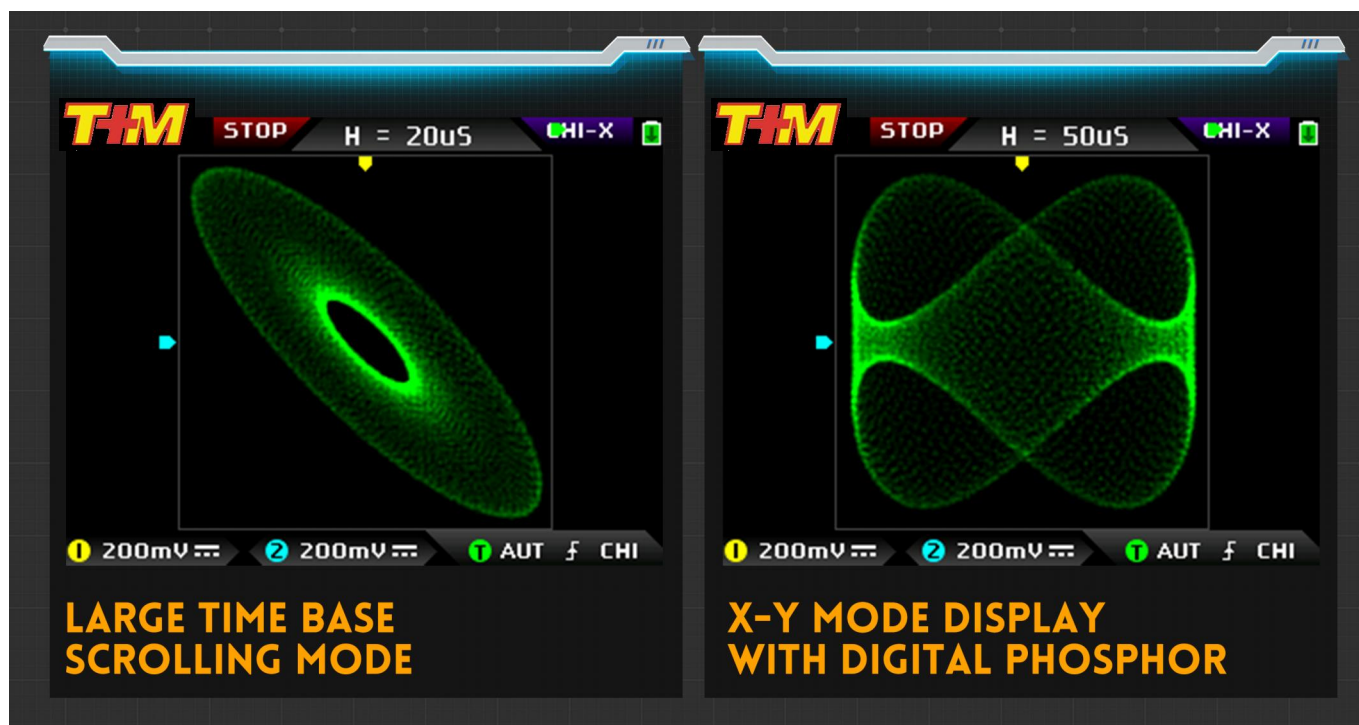


INTRODUCTION

The TMDPOX180H 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





HANDHELD 2 IN1 DIGITAL PHOSPHOR OSCILLOSCOPE



**HIGH VOLTAGE
ANTI-BURNING
PROTECTION**



**5MV/DIV HIGH
SENSITIVITY**



**180MHZ ANALOG
BANDWIDTH**



**500MSPS REAL-TIME
SAMPLING RATE**



2-in-1 Digital Phosphor Oscilloscope



TECHNICAL SPECIFICATIONS

Oscilloscope

Bandwidth	180MHz	Channels	2CH
Sampling Rate	500MSa/s	Rise Time	2.5ns
Memory Depth	120kpts	Waveform Capture Rate	50000wfms/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	10MHz	Channels	1CH
Resolution	1Hz		
Frequency Characteristics	Sin: 10MHz 2.5VPP	Square: 2MHz 2.5VPP	
	Triangle: 2MHz 2.5VPP	Sawtooth: 2MHz 2.5VPP	
	Ladder: 2MHz 2.5VPP	Others: 2MHz 2.5VPP	
Waveforms	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

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