

## Bench-top 2 in 1 Oscilloscope 1014D



### Introduction

The 1014D is a 2 in 1 Benchtop Oscilloscope with 100MHz bandwidth and 1GSa/s sample . It record up to 1000 frames, which can achieve better waveform analysis effects through playback and storage functions. The 1014D built in 10MHz chopping wave Arbitrary Waveform Generator, which can support waveform clipping output at 2.5VPP. The 1014D feature are excellent performance, reliable quality, and a wide range of functions. It's ideal for R&D designer to design and debug electronic circuits, suitable for higher education & laboratory to teach and best choice for electrician to diagnosis for troubleshooting and maintaining.

### Features

- 1- 2CH, 100MHz bandwidth, 1GSa/s sampling rate, 240kpts memory depth
- 2- Supports X-Y mode, YT/Scroll Mode, FFT reviewing, displaying Lissajous Figures
- 3- Capture waveform as source of Generator to output 1MHz
- 4- Built-in Max 10MHz Waveform Generator, outputs 14 signal
- 5- 7-inch TFT LCD Screen
- 6- Languages: English/Chinese

### Technical Specifications

#### Oscilloscope

Bandwidth	100MHz	Channels	2CH
Sampling rate	1GSa/s	Rise time	<3nS
Memory depth	240kpts	Waveform capture rate	50000wfms/s
Vertical sensitivity	50mV/div-500V/div	Input impedance	1MΩ
Time base scale	10nS/div-50S/div	Trigger types	Auto/Normal/Single
Auto measurements	Pk-Pk, Max, Min, RMS(V <sub>rm</sub> )s,Avg(V <sub>avg</sub> ), Peak, Freq, Cycle, Time+, Time-, Duty+, Duty- 12 types		

#### Waveform Generator

Max frequency	10MHz	Channels	1CH
Vertical resolution	1Hz	Modulations	Capture waveform as a source to output, 1MHz 2.4VPP
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, sinc pulse wave; 14 types		

### General Characteristics

Product color	White
Product size	310*145*70mm
Display	7-inch 800*480 TFT LCD Screen
Standard accessories	Main device*1, P6100 Probe*2, Ordinary Probe *1, Charger(5V2A)*1, Power Cable*1, Data Cable*1, Manual*1
Product net weight	963g
Standard carton	65*40*43cm
Carton gross weight	17.1kg
Quantity per carton	10pcs