FNIRSI

Multi-function

Cost-effective

- ☑ Electronic DIY
- ☑ Appliance repair
- ☑ Vehicle maintenance
- ☑ Equipment debugging
- ☑ Research education
- ☑ Product development

One year replacement | lifetime warranty | Complete fittings | Efficient and quick

ENGINEERING DEBUGGING

Electronic DIY | PWM driver

Oscillating circuit | Switching power supply

Amplifier circuit | Communication circuit

Inverter circuit | Bus circuit

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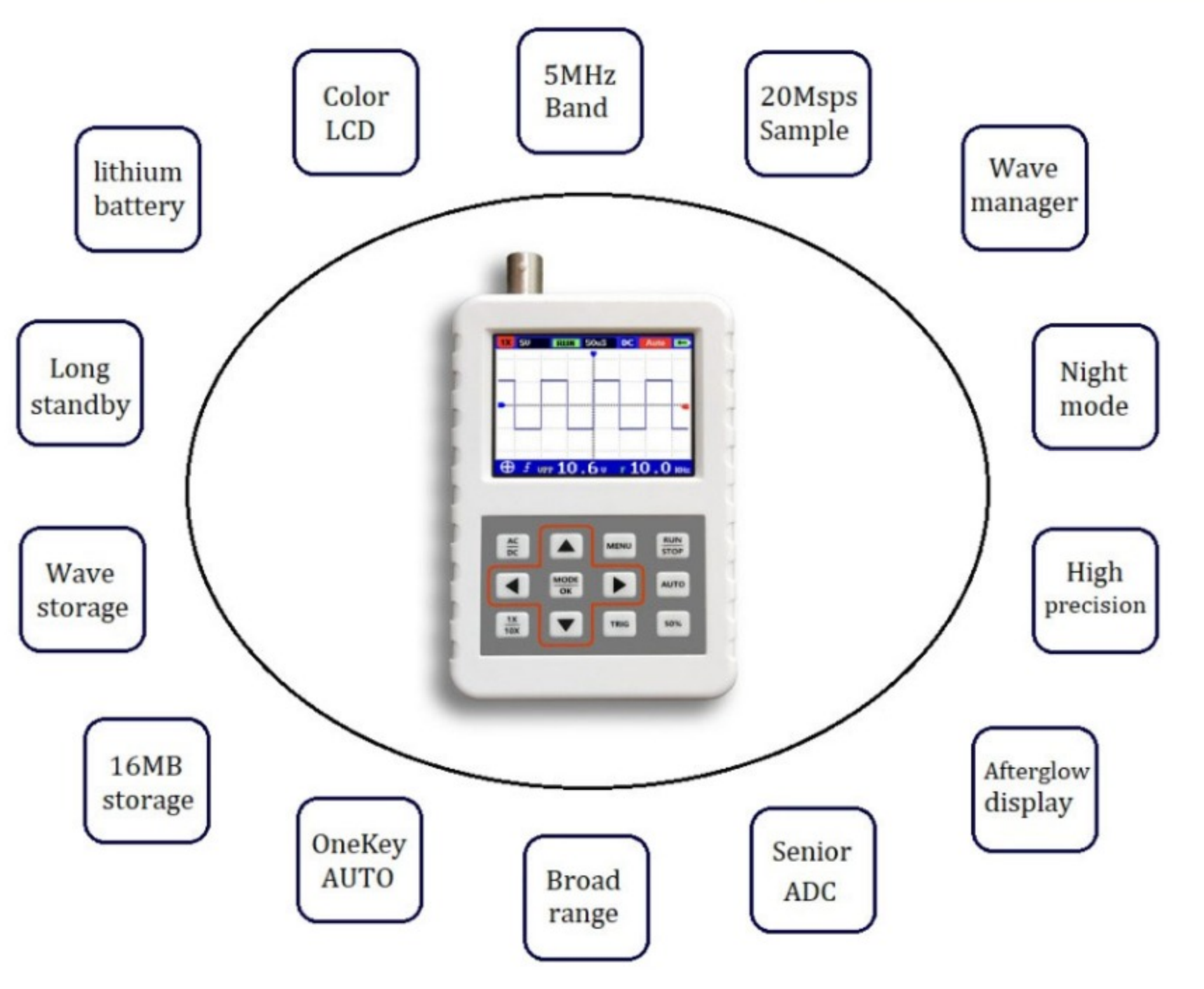


FNIRSI

5MHz Bandwidth

20MSps | Sample

5MHz bandwidth can meet the design, debugging and research of amplifier, oscillator, automatic control system, digital communication system, bus protocol, inverter system, switching power supply and other circuit units. Whether it is DIY or scientific research and education, household appliances maintenance, automobile maintenance, equipment debugging, product development and other fields, it is a good choice. High-performance CPU plus high-precision ADC, TI and high-fidelity. Operational amplifiers minimize the system bottom noise and restore a pure waveform.

Powerful trigger

It has three trigger modes: single trigger mode, normal trigger mode and automatic trigger mode. Single trigger mode can test unexpected non-periodic signals, such as automobile ignition signal, normal trigger mode can test digital logic signals, such as infrared remote control signal, automatic trigger mode can test periodic signals, such as sinusoidal signals. It has a wide range of applications.

3 hours standby

1200mah lithium battery

The built-in 1200 MAH polymer lithium battery can be used continuously for 3 hours when it is full of electricity. Many people need to take the oscilloscope to different places for testing in actual testing. Especially when they go out for maintenance or on-site testing, the built-in rechargeable battery is particularly important. It is convenient and fast to use it as you like.

Engineer's Proud Assistant

Onekey-AUTO | Convenient

No complicated adjustment, one-button automatic adjustment (effective only under automatic triggering), built-in high-efficiency fuzzy control algorithm, high accuracy of regulation, the adjusted waveform appears in the center of the screen, and takes a short time. It takes only one second to automatically adjust the peak signal of 1V. The general desktop oscilloscope needs about 3 seconds. The larger the amplitude of the signal tested, the shorter the time required for adjustment, when there is no signal. It takes the longest time to adjust when input nothing

Fast waveform storage

Waveform file manager

Built-in 16MB storage space, up to 500 waveforms can be stored, the stored procedure is simple and fast, does not need as cumbersome as desktop oscilloscope, and it takes a long time to store a waveform. The waveform file manager provides powerful management capability, supports browsing, viewing, parameter viewing, page turning and deleting waveform file thumbnails. Like the picture viewer on mobile phone, it provides a very convenient platform for users to store waveforms. Its flexibility is much higher than that of ordinary oscilloscopes.

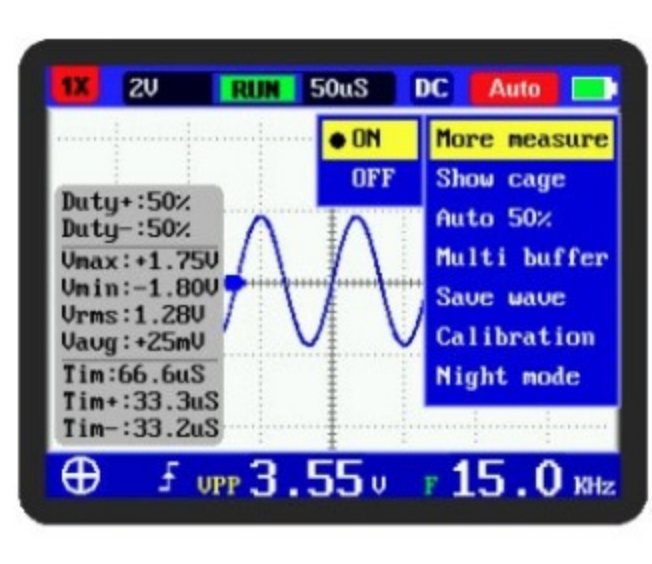
Arbitrary switching

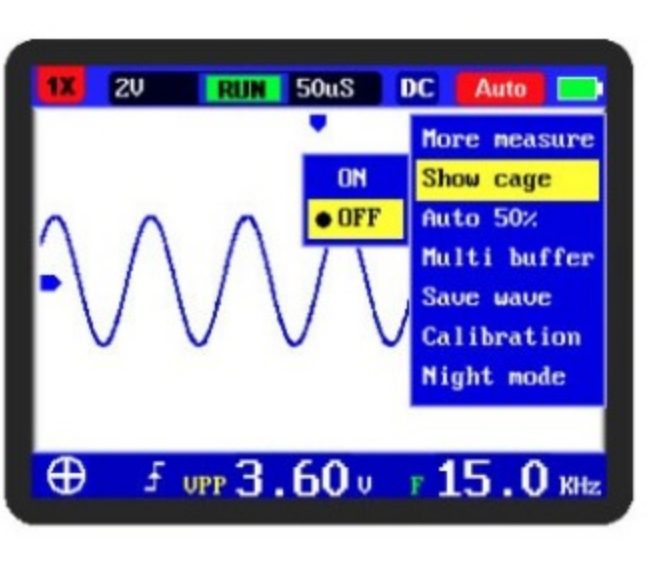
Day Mode | Night mode

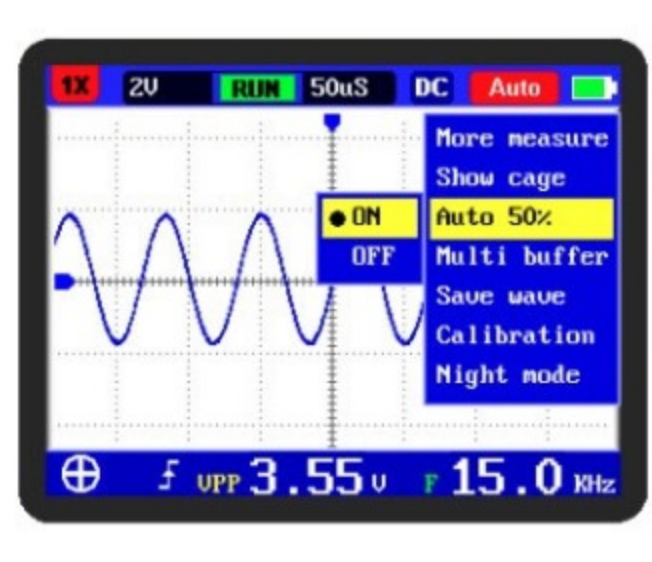
Daytime mode eye protection, appears clean and refreshing, night mode contrast is high, waveform appears clearer, can be set according to their own preferences, after setting parameters will be automatically saved to FLASH, after shutdown saved settings will not be lost.

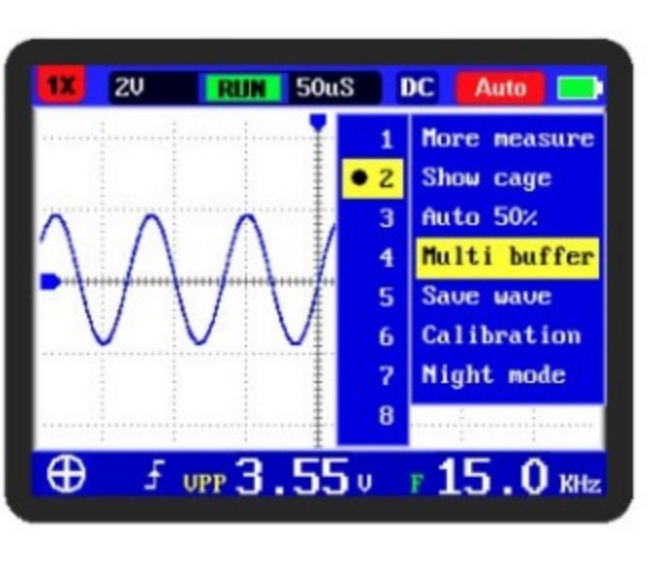
Day Mode

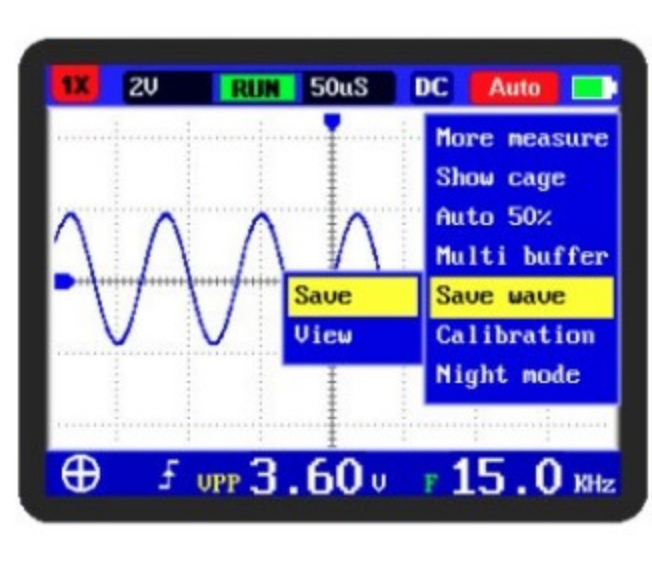
Night mode

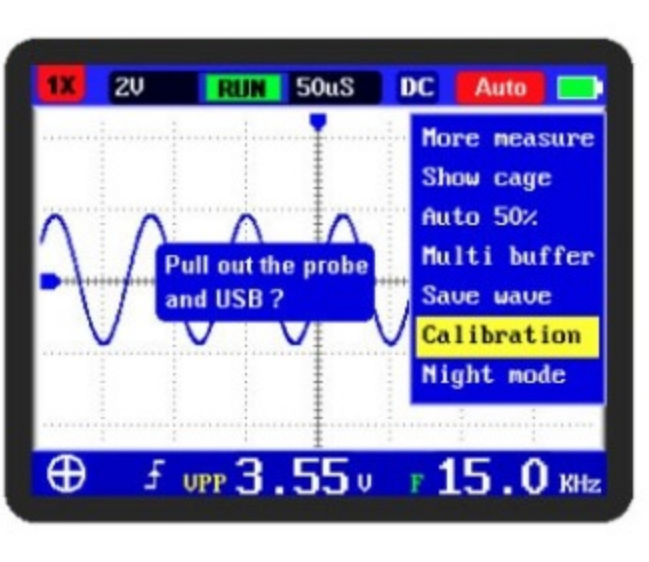


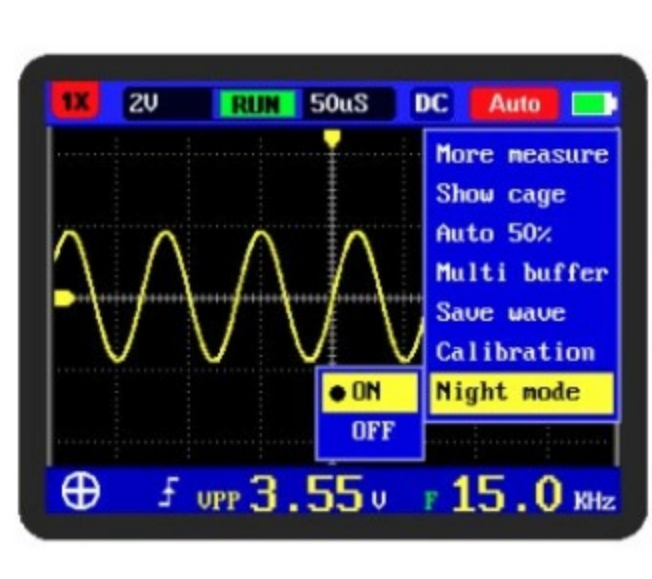


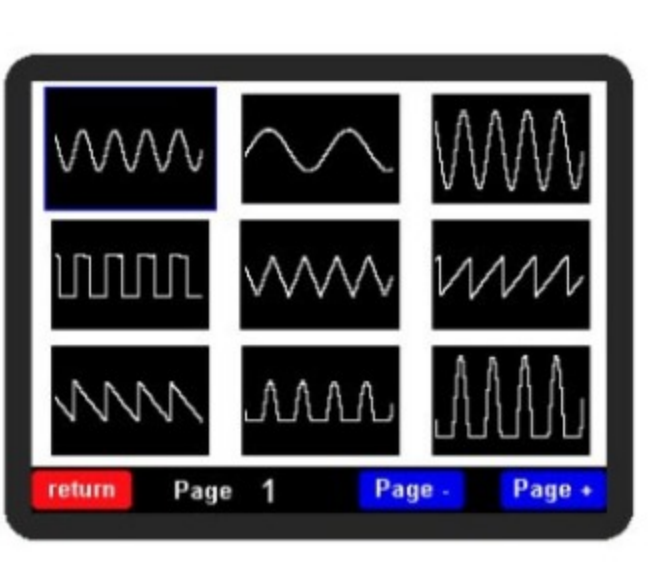


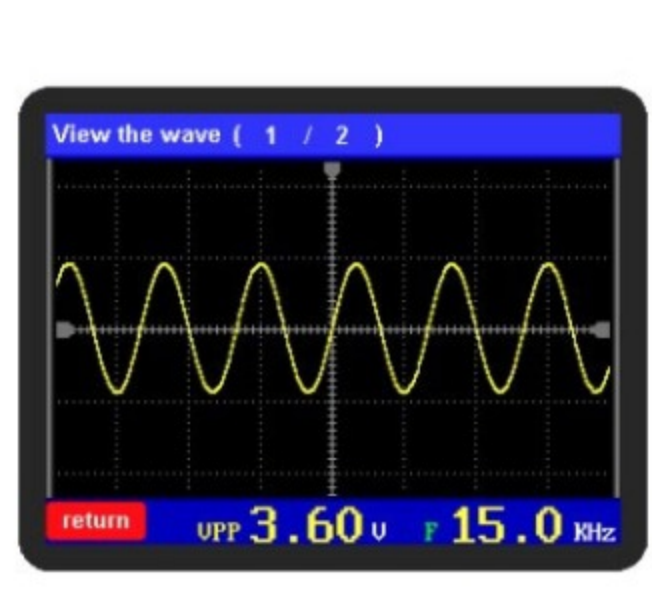


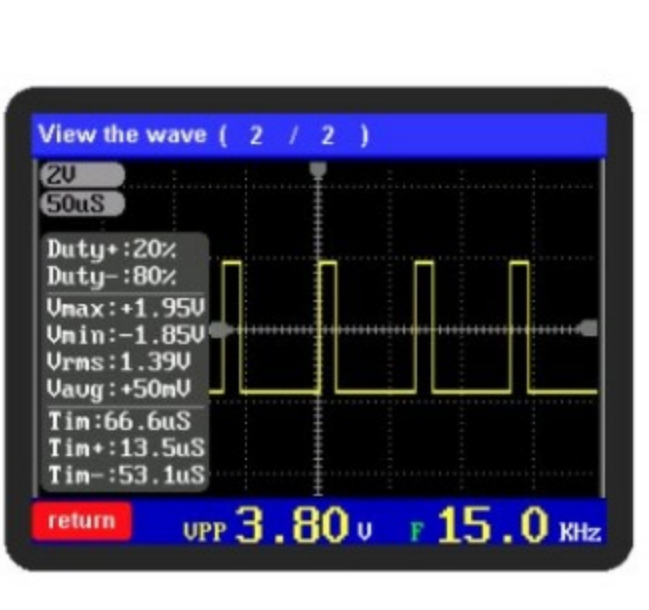






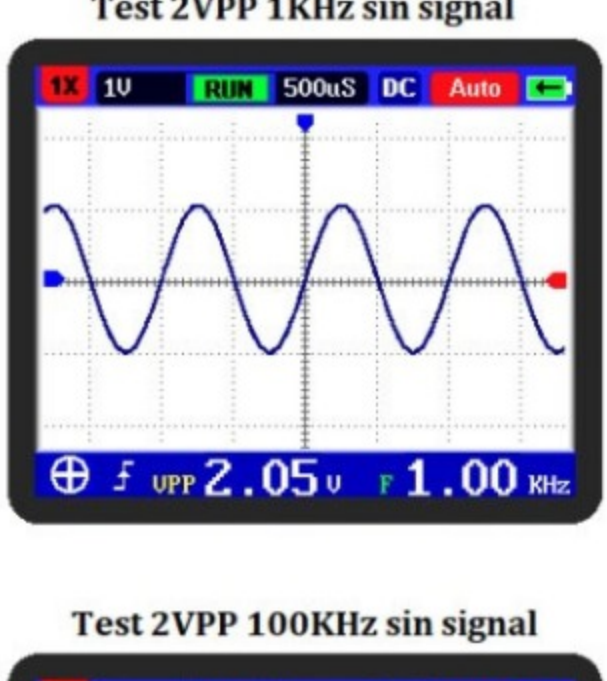




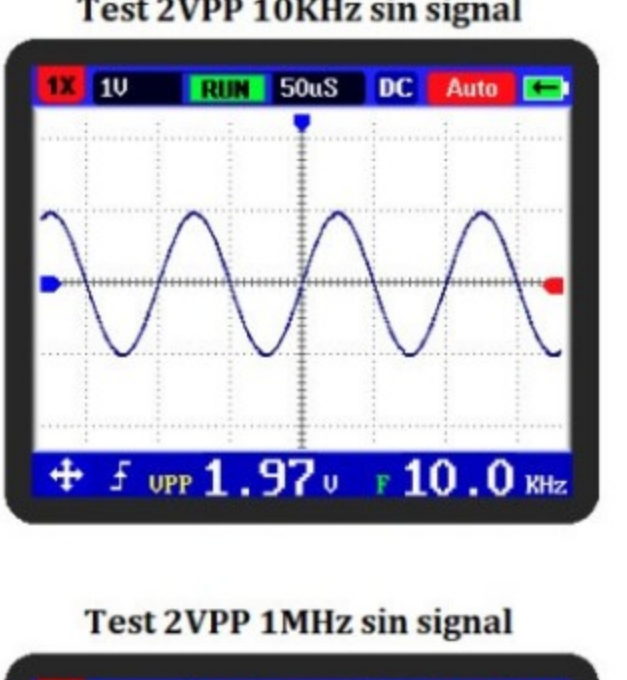


Product testing

Test 2VPP 1KHz sin signal



Test 2VPP 10KHz sin signal



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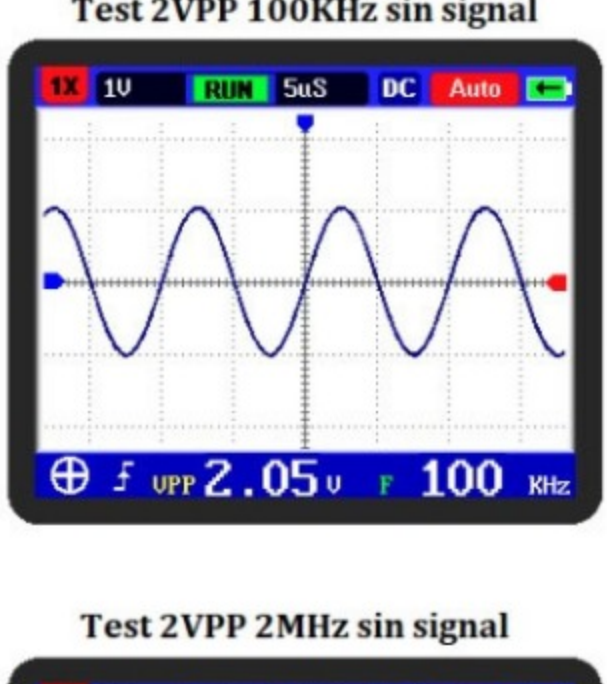
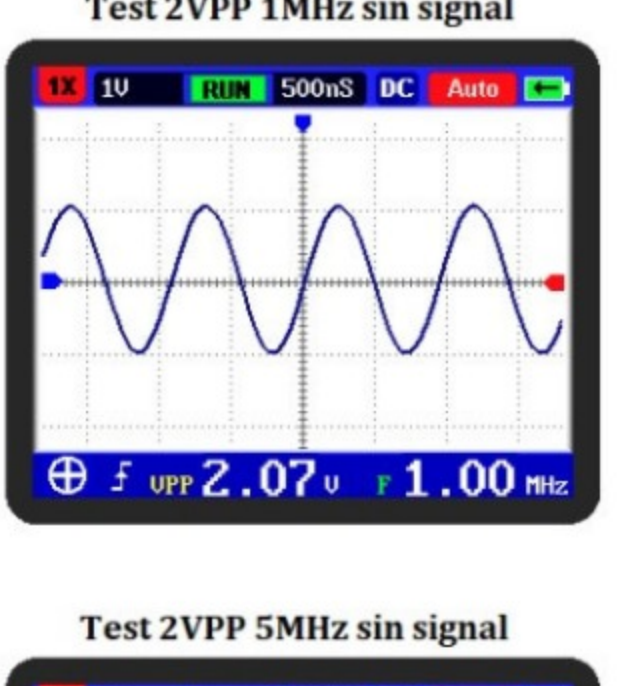
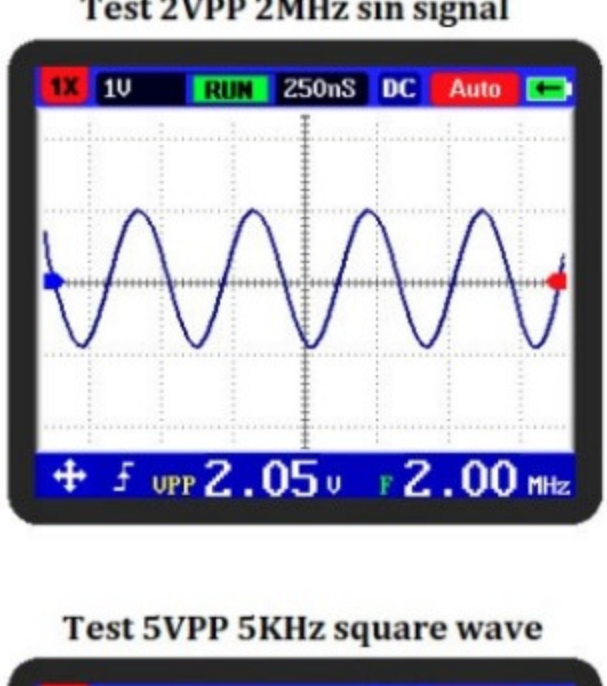


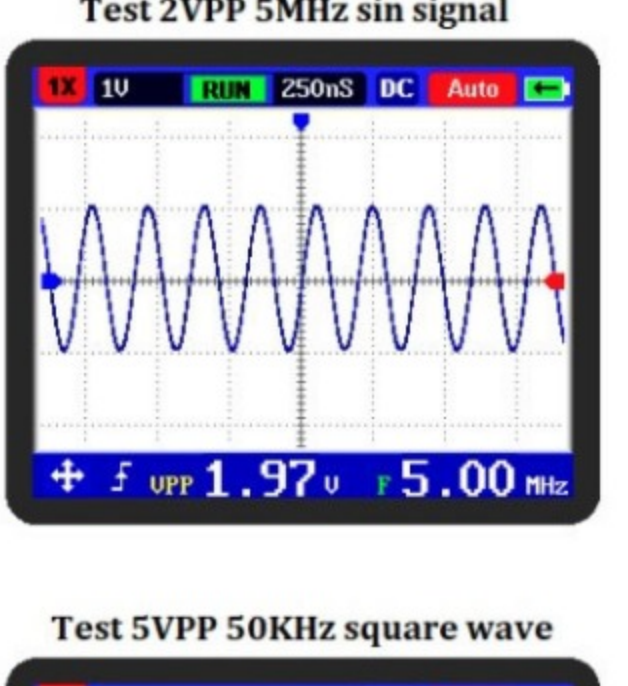
Test 2VPP 1MHz sin signal



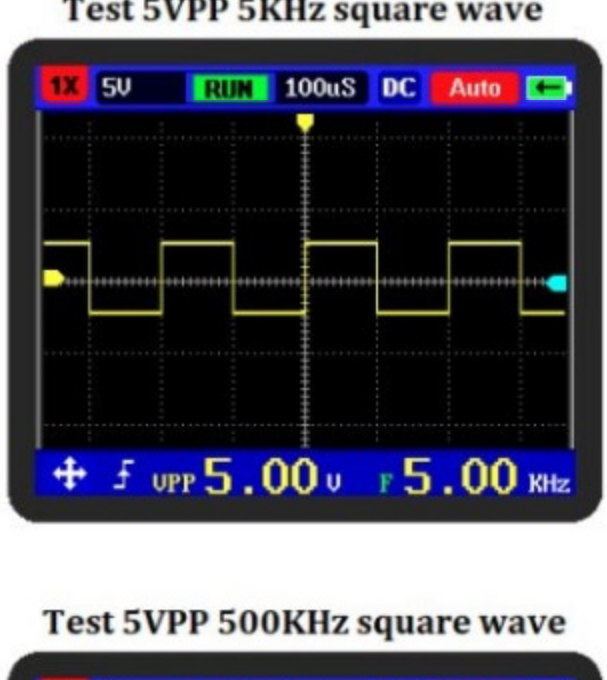
Test 2VPP 2MHz sin signal



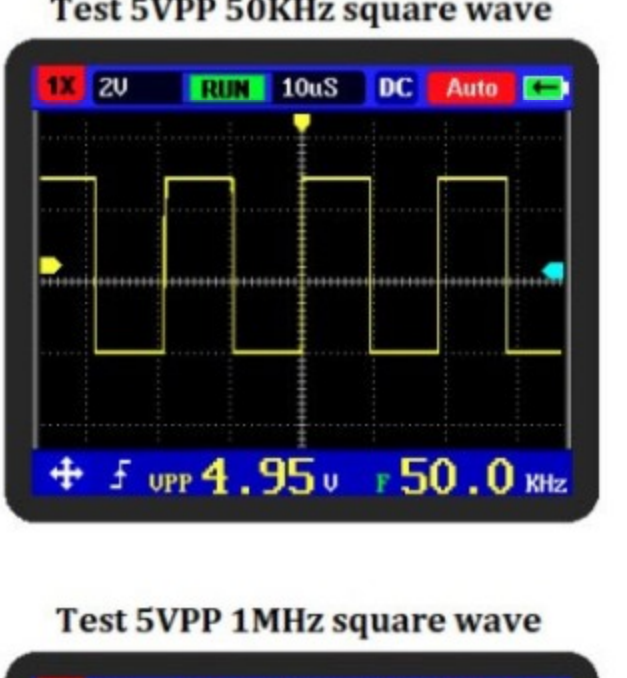
Test 2VPP 5MHz sin signal



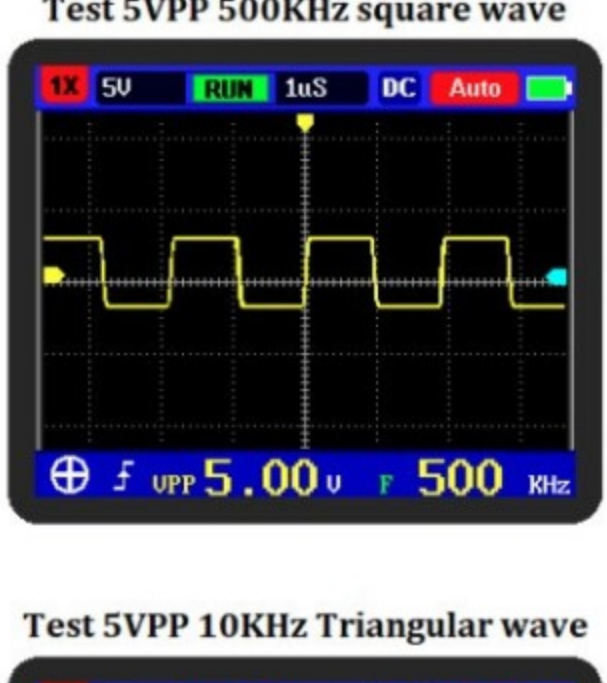
Test 5VPP 5KHz square wave



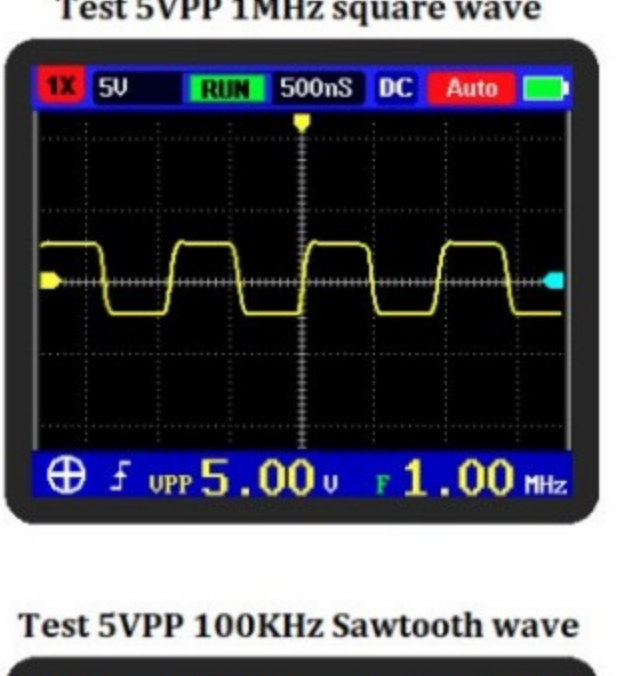
Test 5VPP 50KHz square wave



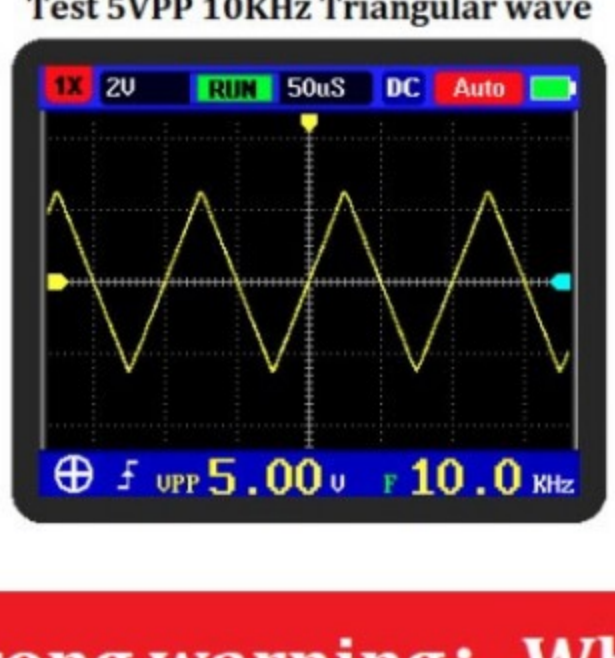
Test 5VPP 500KHz square wave



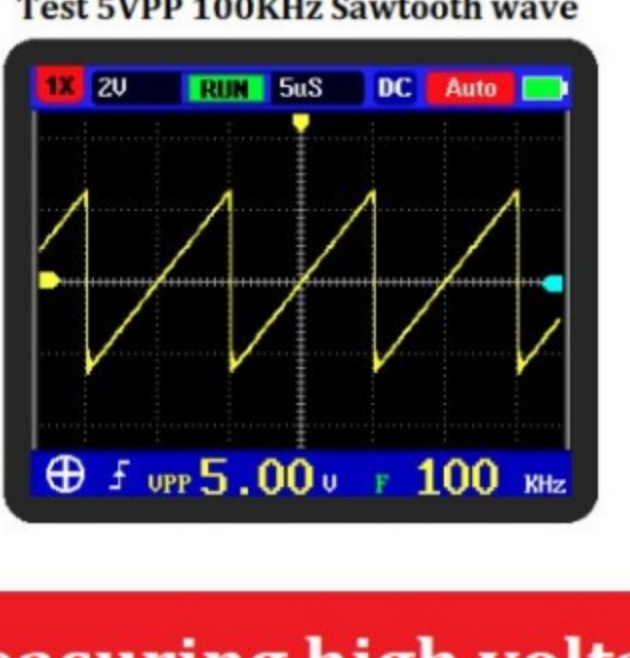
Test 5VPP 1MHz square wave



Test 5VPP 10KHz Triangular wave



Test 5VPP 100KHz Sawtooth wave



Strong warning: When measuring high voltage signal (> 40V), you need to purchase a 10X probe separately, and must move the switch on the handle of the probe to 10X gear position, otherwise you may burn the oscilloscope.

Measure 0-40V voltage in 1X, probe and oscilloscope in 1X . 40-800V voltage in 10X, , probe and oscilloscope in 10X.