

1014D

Built in DDS signal generator, support 12 kinds of function signal.

Capture output signal function, which can store up to 1000 capture signals.

Targeted high intelligent decoding algorithm, the encoder life is infinite, and intelligent anti-burn function, 1X Can withstand up to 400V withstand voltage.

With 100MHz * 2 ana-log bandwidth and @ 1GSa/s sampling rate (1X = 5MHz, 10X = 100MHz).

Fully fit 7 inch 800 * 480 resolution color TFT LCD display with bright colors and high contrast.

High measurement voltage range: 1X can measure 0~40 V, 10X can measure 0~400V.

Up to 12 parameters measurement : VPP , VP , Vmax , Vmin , Vavg , Vrms ,
Frequent , Duty+ , Duty- , Time+ , Time- , Period.

Cursor measurement function: it is convenient to manually measure the period and frequency and voltage.

Complete triggering function (single, normal, automatic), and at any time, the waveform display (pause function) is frozen.

Equipped with high efficiency One-button AUTO, and one-button waveform storage and screenshot function.

Built-in 1GB storage space, can store up to 1000 screenshots + 1000 sets of waveform data.

Powerful waveform picture manager supports thumbnail browsing, viewing, detailed viewing, page turning, deletion and waveform zooming in, zooming out, moving, etc. Equipped with a USB interface, which can be connected to a com-puter to share its screenshots with the com-puter, which is convenient for secondary analysis.

Lissajous figures graphic display function can be used to determine the amplitude, frequency, and phase contrast of two groups of signals.

FFT display function, can analyze the spectral characteristics of the signal, memory compression technology, waveform refresh screen does not flicker.

With the screen brightness adjustment function and background gr-id brightness adjustment function, also easy to carry.

Specifications:

Material: ABS

Analog band width: 100MHz * 2

Number of channels: 2 channels

Maximum real time sampling rate: 1GSa/s

Vertical sensitivity: 50 mV/div ~ 500 V/div

Horizontal time base range: 50S/div ~ 10nS/div

Maximum test voltage: 40 V (1X probe), 400 V (10X probe)

Storage depth: 240Kbit

Input resistance: 1MΩ

ADC precision: 8bits

Coupling mode: AC/DC

Trigger mode: Single, Normal, Auto

Trigger edge: Rising edge/Falling edge

External trigger voltage 0~40 V

Extension ports: USB picture export

Package size: 340 * 140 * 70mm / 13.4 * 5.5 * 2.8in

Package weight: 1500g / 3.3lb