

Product Code . JL-AWG-10395

1mHz-10MHz Function/Arbitrary Waveform Generator



Description

1mHz-10MHz Function/Arbitrary Waveform Generator with 50 MHz Frequency Counter & Time Mark

Description:-

It generates sine wave upto 10 MHz, square wave, pulse with fast rise/ fall time up to 4 MHz, and other waveforms up to 2 MHz.

Big TFT color display is provided for information about parameters & settings.

The knob or numerical keypad can be used to adjust frequency, amplitude, offset and other parameters.

JLab is a leading manufacturer and supplier of test and measurement equipments like oscilloscopes, function generators, arbitrary waveform generators, power supplies in India.

Along with the standard waveforms this Arbitrary Waveform Generator comes with more than 25 built-in Arbitrary Waveforms.

Arbitrary Waveform Generator equipment comes with Waveform Creator Software which allows user to easily create, edit, and download complex waveforms using the wave editor.

Function / Arbitrary Waveform Generator is based on Direct Digital Synthesis (DDS) technique to create stable, accurate output waveforms.

Internal Modulation makes it easy to modulate waveforms without the need for a separate modulation source.

Burst mode operation allows user selected number of cycles per period of time. Linear sweep is also built in, with sweep rate selectable from 1ms to 100 sec.

Arbitrary Waveform Generator unit comes with built-in Time Mark Generator & External Frequency Counter.

By using combination of built-in waveforms or pen, line etc. tools of this user friendly software provided with Arbitrary Waveform Generator, user can generate any arbitrarily defined waveshape as the output of this instrument.

Provision for non volatile storage of control panel settings is also given. Front-panel operation is very user friendly.

Features:-

Pulse, Ramp, Triangle, Noise, and DC waveforms

More than 25 Arbitrary waveforms

10bits, 100MSa/s, 4K points arbitrary waves

AM, FM and FSK modulation types

Based on Direct Digital Synthesis (DDS) technique

3.5inch TFT True Color LCD

Low distortion sine wave

Square wave with fast rise & fall time

10 MHz Sine & 4 MHz Square waveform

Sweep and Burst/ASK operation

Time Mark Generator

50 MHz External Frequency Counter

Non volatile storage of control panel settings

Connect via serial port

10mVpp to 20Vpp amplitude range

Waveform Creator Software for custom waveform generation

Multiple parameter on same screen
