30 MHz Function/Arbitrary Waveform Generators with Unparalleled Signal Accuracy

Agilent Technologies Inc. introduces the 33521A 1-channel function/arbitrary waveform generator and the 33522A 2-channel function/arbitrary waveform generator. The 33521A and 33522A are members of the Agilent 33500 Series family of function/arbitrary waveform generators.

The generators provide the lowest total harmonic distortion and jitter in their class. The generators' large graphical display allows for simultaneous parameter setup, signal viewing and editing. The generator also offers more precise functions and true point-by-point arbitrary waveforms that are alias-protected for exceptional accuracy.

The Agilent 33500 Series function/arbitrary waveform generators feature: 30 MHz sine, square and pulse waveform bandwidth to cover more applications; less than 40 ps jitter and total harmonic distortion of .04 percent providing greater signal fidelity; 250 MSa/s, 16-bit sampling rate for higher time-resolution arbitrary waveforms; true point-by-point arbitrary waveforms for more accurate representation of user-defined signals; USB and LAN (LXI-C) for easy connectivity; and a TCXO timebase (standard) and OCXO (optional) for ultra-high stability.

The Agilent 33521A and 33522A function/arbitrary waveform generators are fully compliant with the LXI Class C Specification. The generators include USB 2.0 and 10/100 Base-T Ethernet (LAN) for quick and easy connectivity to a PC or a network. A built-in Web page allows remote operation of the instrument from any browser. The 33500 Series of generators can connect with Agilent's current line of function/arbitrary waveform generators (33210A, 33220A, 33250A) using the GPIB interface option.

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