

BenchVue Function Generator App

Control your function generator to set waveform properties and load custom arbitrary waveforms from files or from an oscilloscope.



Supported functionality	Free app	Pro app
Instrument settings	<ul style="list-style-type: none"> - Output control - Waveform selection: Sine, square, ramp, pulse, arb, triangle, noise, PRBS (pseudo-random binary sequence), DC - Waveform settings: amplitude, offset, frequency, phase - Modulation settings: <ul style="list-style-type: none"> - Type: AM/FM/PM/FSK/BPSK/SUM - Source: INT/EXT/CH2 - Shape: Sin/Squ/Tri/Ramp/Nramp/Noise/PRBS/Arb - Double sideband suppressed carrier (DSSC) - Depth and AM frequency settings - Sweep settings <ul style="list-style-type: none"> - Type: Linear/log - Frequency settings: Start/stop/center/span - Time settings: sweep, hold and return - Burst settings <ul style="list-style-type: none"> - N cycle mode/gated mode - Start phase - Number of cycles and period - Output <ul style="list-style-type: none"> - Mode: Normal/gated - Polarity: Normal/inverted - Load: Discrete/Hi-Z - Trigger: Immediate/ext/bus/timer and trigger delay - Sync output: Enable, polarity, source and mode 	
Save and recall instrument state	Yes	Yes
BenchVue mobile support	Yes	Yes

Supported models

33210A, 33220A, 33250A, 33521A, 33522A, 33510B, 33511B, 33512B, 33519B, 33520B, 33521B, 33522B, 33611A, 33612A, 33621A, 33622A

Pro version capability

Upgrading to the Pro version (Model # BV0002A) provides advanced waveform creation capabilities by linking to Keysight Waveform Builder Pro Software from BenchVue.

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