Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com**

Your contact

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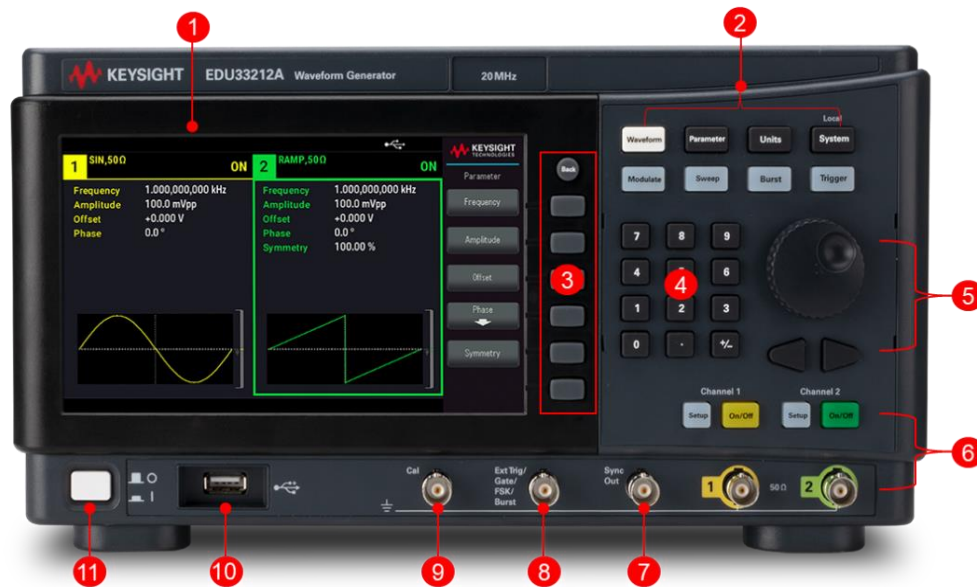
E-Mail: **sales@meilhaus.com**

www.meilhaus.com

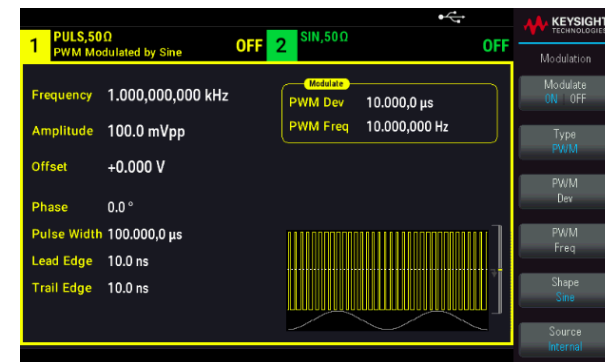# EDU33211A/EDU33212A 20 MHz Function Generators

Smart Bench Essentials

1. **Display**
2. **Function keys**
3. **Soft keys**
4. **Numeric keys**
5. **Knob and cursor arrows**
6. **Output connectors, setup and On/Off buttons**
7. **Sync/trigger output connector**
8. **External Trig/Gate/FSK/Burst connector**
9. **CAL connector**
10. **USB host**
11. **Power switch**

Key features and benefits:

- Signature 7-inch color display offers simultaneous parameter setup, signal viewing and editing for easy operation
- Six built-in modulation types and 17 popular waveforms to simulate common application for testing
- 16-bit arbitrary waveform capability with memory of up to 8 M samples per channel
- Two independent channels that can be coupled in amplitude and frequency (EDU33212A)
- Excellent usability
- Front-panel USB thumb drive port for file management
- External triggering
- USB and LAN IO interface for remote connectivity
- PathWave BenchVue software included to enable full potential with PC control
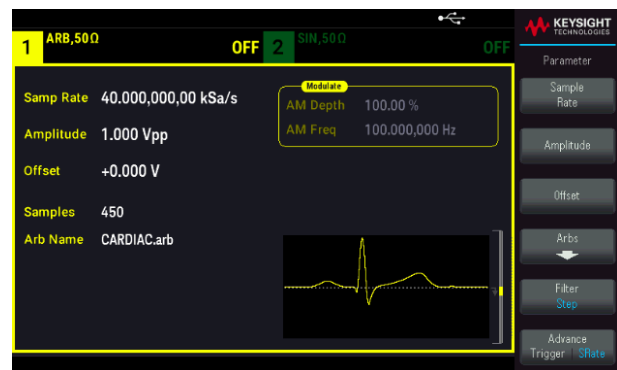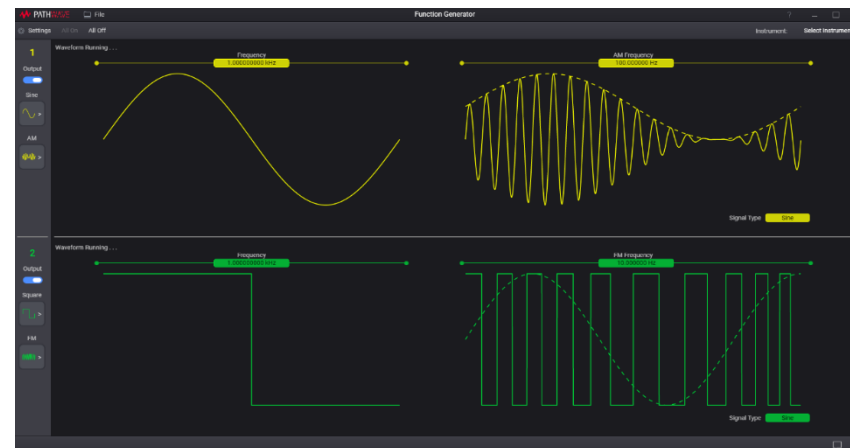

PWM modulated with standard sine wave

KEYSIGHT TECHNOLOGIES

EDU33211A/12A capabilities

Models and options		
Model number	EDU33211A	EDU33212A
Maximum frequency	20 MHz	
Number of channels	1	2
Waveforms		
Standard	Sine, Square, Ramp, Pulse, Triangle, Gaussian Noise, PRBS (Pseudorandom Binary Sequence), DC	
Built-in arbitrary	Cardiac, Exponential Fall, Exponential Rise, Gaussian Pulse, Haversine, Lorentz, D-Lorentz, Negative Ramp, Sinc	
User-defined arbitrary	Up to 8 MSa per channel; with up to 1Msa per waveform	
Operating modes and modulation types		
Operating modes	Continuous, Modulate, Frequency Sweep, Gated Burst	
Modulation types	AM, FM, PM, FSK, BPSK, PWM	

Cardiac specialty waveform

PathWave BenchVue function generator app

Ordering information

Part Number	Description
EDU33211A	Waveform generator, 20 MHz, 1-ch
EDU33212A	Waveform generator, 20 MHz, 2-ch
EDU190A	Instrument stacking kit
BV0002B	PathWave BenchVue Function Generator App

KEYSIGHT
TECHNOLOGIES