

AFG3000C Series vs. Lecroy WaveStation Arbitrary/Function Generator

Competitive Fact Sheet

Reduced Set-up and Evaluation Time

Tektronix AFG3000C

- ✓ **6 Shortcut buttons** – includes **Frequency/Period, Amplitude/High, Offset/Low, Duty/Width, Leading/Trailing, Phase/Delay**, providing direct access to frequently used parameters.
- ✓ Free ArbExpress and Signal Express Software provide tools that enable seamless connection between multiple Tektronix oscilloscopes and the AFG3000C.



Lecroy WaveStation

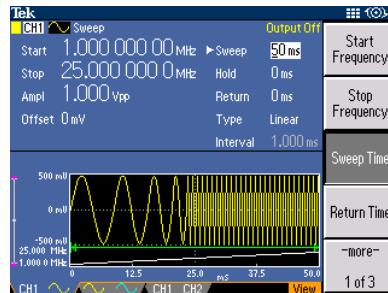
- ✗ **No Shortcut buttons** – Does not support shortcut buttons. Customers must use screen bezel buttons to access frequently used parameter settings.
- ✗ The WaveStation PC software only supports connections between WaveAce oscilloscope and the WaveStation AFG.



Larger Display

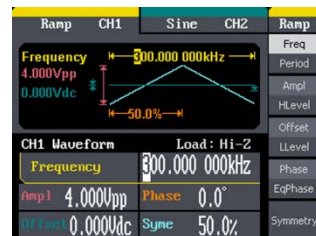
Tektronix AFG3000C

- ✓ **5.6" Color LCD** – Large display shows all signal parameters and the waveform shape at a single glance



Lecroy WaveStation

- ✗ **3.5" Color LCD** – 40% less viewing space to see signal details and important signal parameters



Key Specifications Comparison

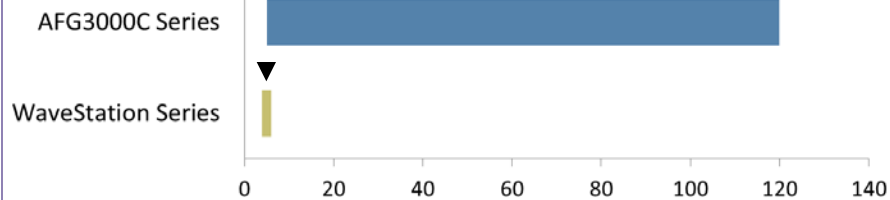
	Tektronix AFG3000C		LeCroy WaveStation	
Channels	✓	1, 2	✗	2
Bandwidth (MHz)	✓	10, 25, 50, 100, 240	✗	10, 25, 50
Record Length	✓	128K points	✗	16K points
Sampling Rate	✓	AFG3011C: 250MS/s AFG302xC: 250MS/s AFG305xC: 1GS/s AFG310xC: 1GS/s AFG325xC: 2GS/s	✗	All models: 125 MS/s
Connectivity	✓	USB, GPIB, LAN	✗	USB, GPIB
Output voltage Into 50 Ω	✓	AFG3011C: 20Vpp AFG302xC: 10Vpp AFG305xC: 10Vpp AFG310xC: 10Vpp AFG325xC: ≤ 200MHz: 5Vpp > 200MHz: 4Vpp	✗	CH1: Up to 3Vpp CH2: Up to 10Vpp

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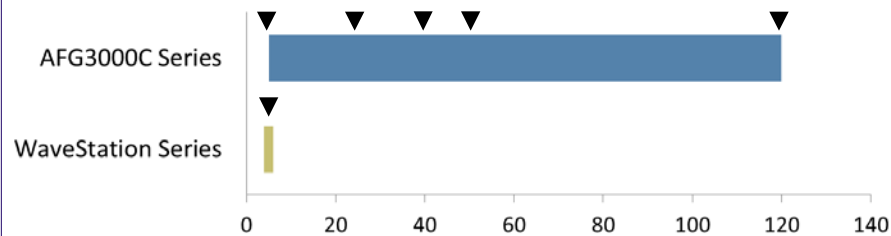
Competitive Fact Sheet

▼ Model Max Frequency

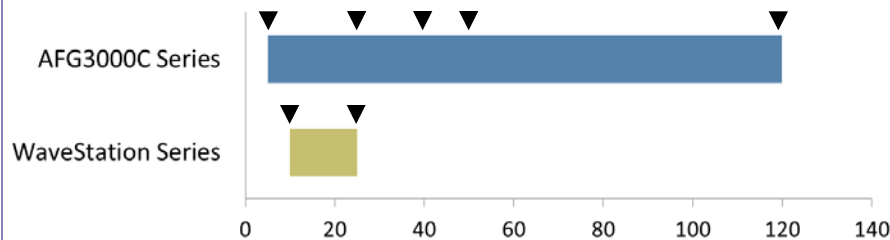
Tektronix offers more arbitrary waveform frequencies



Tektronix offers more pulse frequencies



Tektronix offers more square wave frequencies



Wider Pulse Duty Cycle Range

Tektronix AFG3000C

✓ 0.001% to 99.999% (Limitations of pulse width apply).

LeCroy WaveStation

✗ ≤10 MHz: 20.0% to 80.0%
>10 MHz: 50.0% (fixed)