

AFG310xC Series vs. Tabor Wonder Wave 257xA Series

Competitive Fact Sheet

Reduced Set-up and Evaluation Time

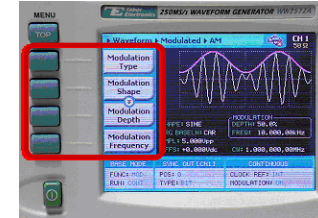
Tektronix AFG3101C, AFG3102C

- ✓ **25 Shortcut Keys** – Directly access frequently used parameters and settings without browsing through screen menus, saving time.
- ✓ **Switching Waveforms** – Requires only a single button push.
- ✓ **Modifying Pulse Parameters** – Requires only a single button push and turning a rotary knob.



Tabor WW2571A/72A

- ✗ **4 Shortcut Keys** – All parameters and functions are selected via screen menus. To access some settings, user has to browse beyond the selections shown.
- ✗ **Switching Waveforms** – Requires up to 7 button pushes to reach 4th screen menu layer and activate setting.
- ✗ **Modifying Pulse Parameters** – Must go through several menu layers to reach parameter, then several menu button pushes to activate recompilation of waveform.



* Tabor screen shots are from WW2572A

Versatility

Tektronix AFG3101C, AFG3102C vs. Tabor WF2571A/72A

- | | |
|---|--|
| <ul style="list-style-type: none"> ✓ Channels 1 and 2 can be synchronized tightly, or run at different frequencies. ✓ Run modes (continuous, modulation, sweep, burst) can be set independently on each channel. ✓ Sweep supports all waveforms, except for Pulse, DC and Noise. | <ul style="list-style-type: none"> ✗ Channels 1 and 2 are always locked together in frequency. ✗ Selecting modulation mode on one channel also activates modulation on second channel. ✗ Sweep only supports sine wave. |
|---|--|

Key Specifications Comparison

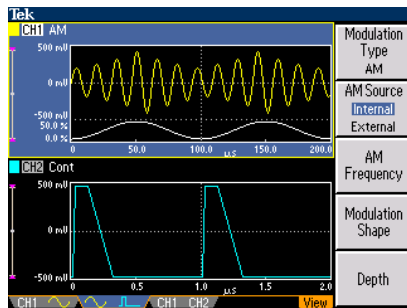
	Tektronix AFG3101C, AFG3102C		Tabor WW2571A/72A	
Channels	✓	1, 2	✓	1, 2
Max. Sine/Square/pulse Frequency	✓	100/50/50 MHz	✓	100/62.5/62.5 MHz
Max. Arbitrary Frequency	✓	50 MHz	✗	31.25 MHz
Sampling Rate	✓	1 GS/s	✗	250 MS/s
Display	✓	5.6" color LCD	✗	3.8" color LCD
Waveform Memory	✗	128K,	✓	1M (2M/4M optional)

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Competitive Fact Sheet

Display Size and Content

Tektronix AFG3101C, AFG3102C



- ✓ 5.6" color LCD display.
- ✓ Channel settings 1 and 2, and waveforms can be compared side-by-side.
- ✓ Waveform graphic dynamically adjusts to parameter settings.
- ✓ User interface and help menu is available in 8 languages.

Tabor WW2571A/72A

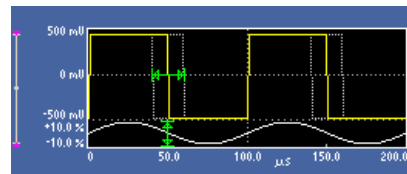


- ✗ 3.8" color LCD display.
- ✗ Channel settings 1 and 2 are on separate screen pages.
- ✗ Waveform graphic is fixed, and does not adjust to user settings.
- ✗ User interface and help menu only available in English.

Modulation Capabilities

Tektronix AFG3101C, AFG3102C Tabor WW2571A/72A

- | | |
|-------------------------------------|---------------------------|
| ✓ Internal and external modulation. | ✗ No external modulation. |
| ✓ Phase modulation (PM). | ✗ PM not supported. |
| ✓ Pulse width modulation (PWM). | ✗ PWM not supported. |



Small Footprint

Tektronix AFG3101C, AFG3102C Tabor WW2571A/72A

- | | |
|---|---|
| ✓ Small footprint optimize bench space: only 6.6" deep, 13.0" wide. | ✗ Large footprint requires more bench space: 16.3" deep, 8.3" wide. |
| ✓ Leaves room on the bench for DUT, tools, cables, etc. | ✗ Leaves less room on the bench for DUT, tools, cables, etc. |
| ✗ One instrument uses full rack width and 5U height. | ✓ Two units fit side-by-side in rack and use 3U height. |

