

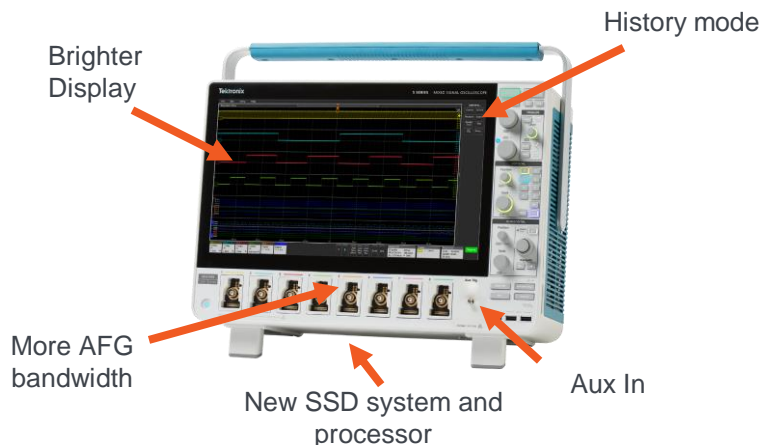
Comparing the 5 Series B MSO and 5 Series MSO

MIXED SIGNAL OSCILLOSCOPES

The 5 Series B MSO includes all the great features engineers appreciate on the original 5 Series MSO, including its intuitive user interface, 12-bit ADCs, high available channel count and overall versatility – plus useful new features.

What's new in the 5 Series B MSO?

- **NEW** auxiliary trigger input lets you synch without consuming a full-capability input channel
- **NEW** 2x faster waveforms from the built-in function generator
- **NEW** brighter display
- **NEW** History mode uses extended memory, allowing you to capture many trigger events, stop when you see something interesting, and quickly review
- **NEW** processor makes controls even more responsive and will support additional analysis in the future
- **NEW** solid state drive system stores all user data on a removable drive for added security



Key Specification Comparison

	5 Series MSO	5 Series B MSO
FlexChannel Inputs	4, 6 or 8	
Auxiliary Input	-	✓
Analog Bandwidth	350 MHz - 2 GHz	350 MHz - 2 GHz
Sample Rate all channels	6.25 GS/s	
Record Length all channels	62.5 M – 500 M	
Function Generator Max Frequency	50 MHz	100 MHz
Operating System	Embedded OS is not removable	Embedded OS is removable
	Windows 10 OS is optional	
Display	15.6-inch HD (1920 x 1080) capacitive touch	

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What hasn't changed?

The 5 Series B MSO is a drop-in replacement for the 5 Series MSO.

- **SAME** award-winning user interface
- **SAME** best in class passive probes included free
- **SAME** programmatic interface for ATE systems
- **SAME** probe compatibility
- **SAME** form factor and rack requirements
- **SAME** software solutions available
- **SAME** floating software licenses available and compatible across non-B and B models
- **SAME** noise performance, sample rate, record length, bandwidth options



5 Series B MSO Models and Key Specifications

Model	FlexChannel Inputs	Analog Bandwidth	Sample Rate	ADC Resolution	Record Length
MSO54B	4	350 MHz – 2 GHz	6.25 GS/s	12 bits	62.5 M – 500 M
MSO56B	6	350 MHz – 2 GHz	6.25 GS/s	12 bits	62.5 M – 500 M
MSO58B	8	350 MHz – 2 GHz	6.25 GS/s	12 bits	62.5 M – 500 M