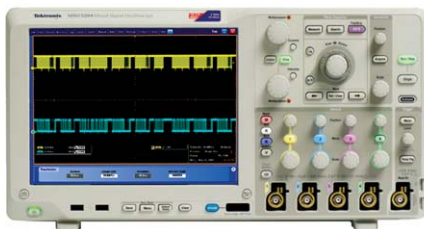


Industry Comparison Guide: Infiniium 9000 Series vs. Tektronix 5000 Series

Agilent 9000 Series



Tektronix 5000 Series



	Tektronix MSO/DSO 5000		Agilent Infiniium 9000 Series	
Bandwidths Offered	350MHz, 500 MHz, 1 GHz, 2 GHz	✓	600 MHz, 1 GHz, 2.5 GHz, 4 GHz	✓
Upgradeable bandwidth	No	✗	Yes	✓
Biggest display	10"	✗	15" (>2X area)	✓
Highest sample rate	Up to 10 GSa/s	✗	up to 20 GSa/s (2X)	✓
Deepest standard/max memory (4-ch)	12.5 Mpts/125 Mpts	✗	20 Mpts/512 Mpts	✓
Update rate	DPX mode (<100kpts) to 250k wf/s	✓	No DPX mode	✗
	Slower in normal mode 30 wf/s with 100 kpts	✗	Fastest in normal mode 900 wf/s with 100 kpts	✓
Lowest noise for measurement accuracy	spec'ed noise >2X greater	✗	>2X less noise	✓
Widest protocol support	I ² C, SPI, RS-232/UART, CAN/LIN (no triggering), USB	✗	I ² C, SPI, RS-232/UART, CAN, LIN, FlexRay, USB, JTAG, MIPI-Dphy, 8B/10B. Multi tab viewer.	✓
MSO memory/sample rate	10 Kpts @ 16.5 GSa/s	✓	No MagniVu mode	✗
	12.5 Mpts @ 500 MSa/s	✗	128 Mpts @ 2 Gsa/s	✓
Drag and drop measurements	Not available	✗	Yes	✓
InfiniiScan Zon-qualified Triggering	Not available	✗	up to 8 zones	✓
Mark and Search	WaveInspector	✓	No mark, some search	✗



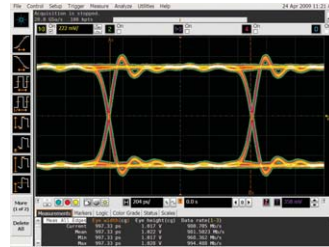
Agilent Technologies

Infiniium 9000 Series oscilloscopes

Engineered for the broadest measurement capability

It's three instruments in one

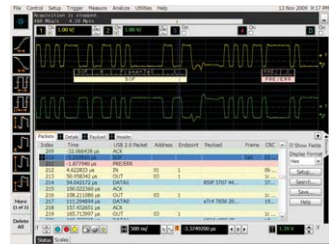
1 **Powerful oscilloscope** - 600 MHz, 1, 2.5 and 4 GHz bandwidths, fast sample rates and responsive deep memory. Lower bandwidth models are upgradable.



2. **MSO models** add 16 channels of logic analysis. You can upgrade your oscilloscope later to an MSO.



3. **Protocol analyzer** for common serial buses - quickly move between physical and protocol layers with the time-correlated tracking marker.



How did we do it?

Agilent designed a 20 layer acquisition board that contains 27 custom ASICs and 3 FPGAs.



To obtain additional information about Agilent's Infiniium 9000 Series, go to: www.agilent.com/find/9000

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