

Scopes Selection Guide

Model	RTO1044	RTO1022/4	RTO1012/4	RTO1002/4	RTM2032/4(2052/4)
Bandwidth @all voltage settings, even at 1mV/Div	4GHz	2GHz	1GHz	600MHz	350MHz(500MHz)
# Of Channels Analog + Digital	4 + 16 (option)	2/4 + 16 (option)	2/4 + 16 (option)	2/4 + 16 (option)	2/4 + 16(option)
Max Sample Rate Per Channel	10Gs/s (20Gs/s on 2 channels)	10Gs/s	10Gs/s	10Gs/s	2.5Gs/s (5Gs/s - 2 channels)
Effective Bit	ENOB of the A/D converter >7bit				
Acquisition Rate W/sec	1,000,000 W/sec				12,500 W/sec
Max Record Per Channel	2 channel model: 20/40 Msample 4 channel model: 20/80 Msample		Max Upgrade-> 2 channel model: 100/200 Msample 4 channel model: 100/400 Msample		10/20 Msample
Digital Trigger system	YES. Industry Leading Trigger Jitter of < 1ps . Trigger Sensitivity down to 0 div. Min detectable glitch 100 Psec.				-----
Serial Bus Triggering and Decoding	I2C / SPI / UART- RS232 / CAN / LIN / FlexRay / I2S				I ² C, SPI CAN, LIN, I ² S, LJ, RJ, TDM
I/Q Software Interface	Mixing, Filtering, Decimation and Recording of RF or baseband signals as I/Q samples				-----
USB 2.0 Compliance Test	YES, Option				-----
History mode	YES, Standard				-----
FFT	Real Time , Hardware - Accelerated Analysis				Standard



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Scopes Selection Guide – Value **HMO** Series

Model	HMO3052/4	HMO3042/4	HMO3032/4	HMO2022/4	HMO1522/4	HMO1022/4	HMO722/4
Bandwidth @all voltage settings, even at 1mV/Div	500MHz	400MHz	300MHz	200MHz	150MHz	100MHz	70MHz
# Of Channels Analog + Digital	2/4 Analog Channels + 16 Logic Channels (opt. HO3516)			2/4 Analog Channels + 8 Logic Channels (opt. HO3508)			
Max Sample Rate	4Gs/s			2Gs/s			
Max Record	8M Points			2M Points			
Serial Bus Triggering and Decoding	I2C / SPI / UART- RS232 (opt. HOO10/HOO11) / CAN / LIN (opt. HOO12)						
FFT	YES, (dBm, dBV, V _{eff}) , up to 64K Points.						
Pass/Fail Test	YES, based on Masks.						
Component Test	-----			YES			
Counter	YES, 6 Digit Hardware Counter						

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