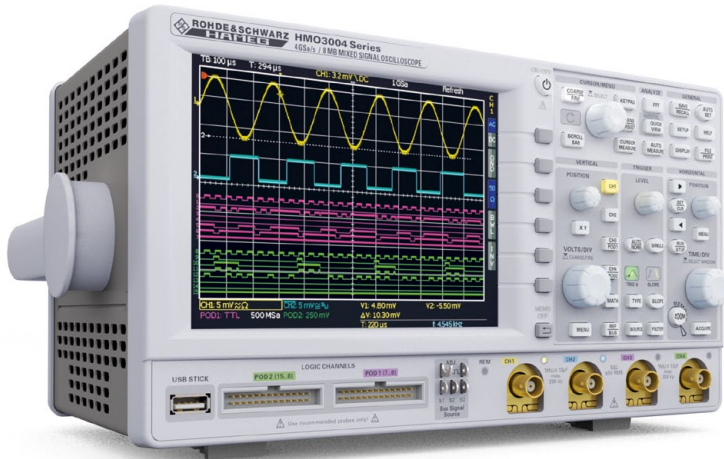


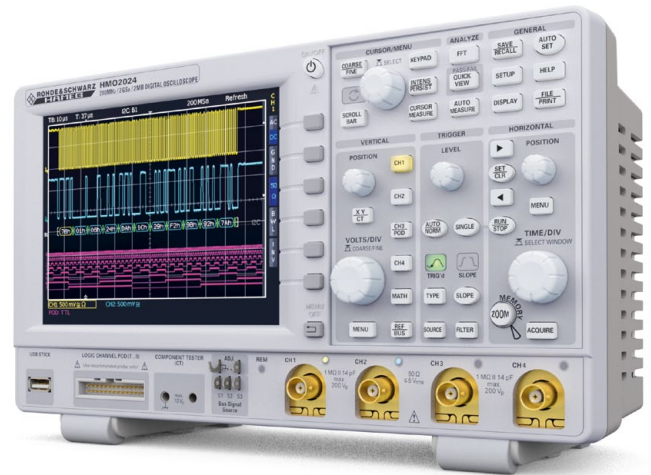
HM03000 Series

Mixed Signal Oscilloscopes

HM0 Compact Series



500 MHz | 400 MHz | 300 MHz



200 MHz | 150 MHz | 100 MHz | 70 MHz

- 4GSa/s real time, low noise flash A/D converter
- 8MPts memory, *Z*oom up to 200,000:1
- MSO functionality included as standard (H03508/H03516 logic probe with 8/16 channels required)
- Automatically or manually adjustable memory depth

- 2GSa/s real time, low noise flash A/D converter
- 2MPts memory, *Z*oom up to 50,000:1
- MSO functionality included as standard (H03508 logic probe with 8 channels required)
- Component tester for capacitors, inductors and semiconductors



300 MHz | 400 MHz >>> 500 MHz

The HM03000 series is future-proof due to bandwidth upgrade option H00352/354 and H00452/454

All HMO Oscilloscopes Feature:

- Vertical sensitivity up to 1mV/div.
- Trigger modes: slope (A/B), pulse width, video, logic, serial buses (optional), hold-off\*
- Serial bus trigger and hardware accelerated decode incl. list view. Options: I<sup>2</sup>C + SPI + UART/RS-232 (H0010/H0011), CAN + LIN (H0012)
- 28 auto-measurement parameters plus statistics, formula editor, ratio cursor
- 6-digit hardware counter

- FFT with up to 64kPts (dBm, dBV, V<sub>rms</sub>)
- Pass/fail test based on masks
- Automatic search for user-defined events
- Display: 12 div. x-Axis, 20 div. y-Axis (VirtualScreen)

\*HM03000 models only



\*HM0300x, HM0202x, HM0152x only

HMO series at a glance:	HM03000 Series			HM0 Compact Series			
	500MHz	400MHz	300MHz	200MHz	150MHz	100MHz	70MHz
Bandwidth	500MHz	400MHz	300MHz	200MHz	150MHz	100MHz	70MHz
Model: 4 channel 2 channel	HM03054 HM03052	HM03044 HM03042	HM03034 HM03032	HM02024 HM02022	HM01524 HM01522	HM01024 HM01022	HM0724 HM0722
Sampling rate (per analog channel)	2GSa/s			1GSa/s			
Maximum sampling rate	4GSa/s			2GSa/s			
Memory depth per channel	4MPts.			1MPts.			
Maximum memory	8MPts.			2MPts.			
Max number of logic channels	16			8			
Input impedance	1MΩ / 50Ω			1MΩ / 50Ω		1MΩ	
V/div. @ 1MΩ	1mV/div. to 5V/div.			1mV/div. to 10V/div.			
V/div. @ 50Ω	1mV/div. to 1V/div.			1mV/div. to 1V/div.		n/a	
DC-offset	±0,2V to ±50V			±0,2V to ±100V		-	
Component tester	-			•			