

RIGOL

12-bit oscilloscopes

High-resolution DHO and mixed-signal MHO families: 70 MHz to 1 GHz.



DHO5000 series



MHO900 series



DHO900 series

Series	Bandwidth options	Analog / digital channels	Max. sample rate	Bits	Max. memory	Display
DHO800	70 / 100 MHz	2 / 4 -	1.25 GSa/s	12-bit	25 Mpts	7 in.
DHO900	125 / 250 MHz	4 16	1.25 GSa/s	12-bit	50 Mpts	7 in.
MHO900	250 / 500 / 800 MHz	4 16	4 GSa/s	12-bit	500 Mpts*	7 in.
DHO1000	70 / 100 / 200 MHz	2 / 4 -	2 GSa/s	12-bit	50 / 100 Mpts*	10.1 in.
MHO2000	200 / 350 MHz	4 16	2 GSa/s	12-bit	500 Mpts	10.1 in.
DHO4000	200 / 400 / 800 MHz	4 -	4 GSa/s	12-bit	500 Mpts*	10.1 in.
DHO5000	500 MHz / 1 GHz	4 / 8 -	4 GSa/s	12-bit	500 Mpts	10.1 in.
MHO5000	500 MHz / 1 GHz	4 / 6 16	4 GSa/s	12-bit	500 Mpts	10.1 in.

Series-level maxima; exact values depend on model and options. Analog and digital channel counts are separated by "|". * Optional memory depth. "-" = not available.

Built-in sources: MHO5000 (4 analog channels), 2-CH 50 MHz, 16-bit; MHO2000, 2-CH 50 MHz; MHO900, 2-CH 100 MHz; selected DHO900 variants, 1-CH 25 MHz.

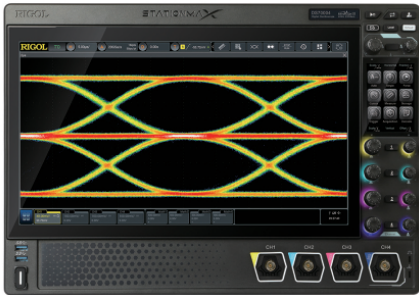
RIGOL

DS / MSO oscilloscopes

General-purpose, mixed-signal and high-bandwidth families: 50 MHz to 13 GHz.



DS80000 series



DS70000 series



DS8000-R series

Series	Bandwidth options	Analog / digital channels	Max. sample rate	Bits	Max. memory	Display
DS1000Z	50 / 70 / 100 / 200 MHz	2 / 4 0 / 16	1 GSa/s	8-bit	24 Mpts	7 in.
MSO5000	70 / 100 / 200 / 350 MHz	2 / 4 16	8 GSa/s	8-bit	200 Mpts*	9 in.
DS7000	100 / 200 / 350 / 500 MHz	4 -	10 GSa/s	8-bit	500 Mpts*	10.1 in.
MSO7000	100 / 200 / 350 / 500 MHz	4 16	10 GSa/s	8-bit	500 Mpts*	10.1 in.
MSO8000A	600 / 750 MHz / 1 / 2 GHz	4 16	10 GSa/s	8-bit	500 Mpts	10.1 in.
DS8000-R	350 MHz / 1 / 2 GHz	4 -	10 GSa/s	8-bit	500 Mpts	-
DS70000	3 / 5 GHz	4 -	20 GSa/s	8-bit	2 Gpts*	15.6 in.
DS80000	5 / 6 / 8 / 13 GHz	4 -	40 GSa/s	8-bit	4 Gpts*	15.6 in.

Series-level maxima; exact values depend on model and options. Analog and digital channel counts are separated by "|". * Optional memory depth. "-" = not available.

Selected MSO5000 2-channel models support an optional upgrade to 4 channels. Bandwidth upgrade by option is not supported for DS1000Z, DS8000-R, DS70000 or DS80000 in this guide.