



RIGOL



Your Passion Our Obsession

MHO98

Special Edition

Portable High-Resolution Oscilloscope

Feature

1 GHz Max. Bandwidth

12-bit Vertical Resolution

4 GSa/s

Max. Sample Rate

4

Analog Channels

500 Mpts

Memory Depth

2-Channel 100 MHz

Function/Arbitrary Waveform Generator

16-Channel

Logic Analyzer

Benefits

Much Better Performance

- 1 GHz BW & 4 GSa/s sample rate enable you to address the high-speed signal acquisition challenge, accurately recovering the original signal.
- 12-bit high-precision ADC, 4096 vertical digitalizing levels, capable of capturing signal details easily.
- 500 Mpts memory depth gives you full insight into the full details of high-speed signals.
- Standard 100 MHz 2-channel function/arbitrary waveform generator, 16-channel logic analyzer and probe.
- Standard WIFI & Bluetooth adapter allows you to realize remote control without the redundant cable connection.
- 7-inch HD touch screen gives you smooth touch-enabled screen operation.

Unique No. Grants with Unique Identity and Value

- 24K gold nameplate, a commemoration for your original intention of discovering.
- Each MHO98 has a unique number, imprinted with its unique identity and glory.

Artwork on your Lab Bench

- High-quality metal appearance and metal damping knobs, 3D plastic bevel and emboss design.
- Transparent rear panel design enables you to view the precision electric circuit structure inside.



Global Limited Release

1,998 Units



Applications

Power Supply Test

- Loop Response Analysis
- Ripple and Noise Test
- Transient Response Test

Embedded System Debugging

- Serial Protocol Analysis
- Digital Signal Analysis

Auto Electronics Test

- Automobile Bus Debugging
- Sensor Test

Basic Experiment

- Analog Circuit Experiment
- High-Frequency Circuit Experiment
- Power and Electronics Experiment

Technical Specifications

	Specifications
Analog Bandwidth	Max. 1 GHz
Real-time Sample Rate	Max. 4 GSa/s
No. of Analog Channels	4
Vertical Resolution	12-bit
Memory Depth	Max. 500 Mpts
Capture Rate	Max. 1,000,000 wfms/s
Digital Channel	Standard 16-channel, 200 MHz, logic analyzer probe
Protocol Decoding	I2C, SPI, UART, CAN, LIN, CAN-FD, FlexRay, I2S, MIL-STD-1553B
Built-in AFG	2-channel 100 MHz, 1 GSa/s (Bode Plot supported)
Screen	7-Inch (1024*600) capacitive touch screen
Power Supply Interface	Type-C (PD/power tank supported)
Instrument Body	Thin, Portable

Order Information

	Description	Order No.
Model	Multifunction portable oscilloscope, 1 GHz, 4 GSa/s, 12-bit, Special Edition with 24k Gold Nameplate	MHO98
Standard Accessories	RP3500A 500MHz Passive Probe	-
	PLA2216 Logic Analyzer Probe	-
	WIFI & Bluetooth Adapter	-
	Power Supply Adapter	-
	Instrument Bag	-



RIGOL Website: www.rigol.com

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