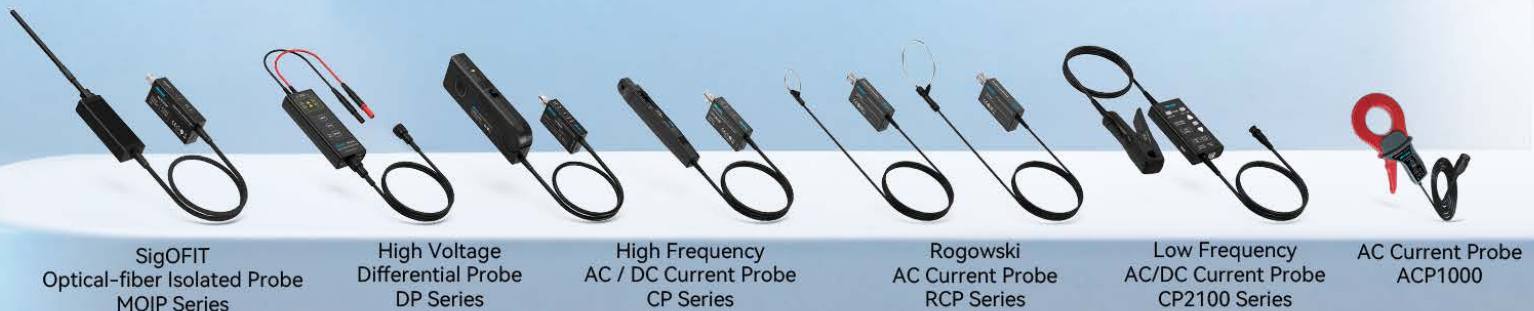


Product Selection Guide



- | | |
|------------------------------------|--------------------------------------|
| Optical-fiber Isolated Probe | High-resolution Oscilloscope |
| High Voltage Differential Probe | High-resolution Modular Oscilloscope |
| Rogowski AC Current Probe | Tablet Oscilloscope |
| High Frequency AC/DC Current Probe | Automotive Oscilloscope |
| Low Frequency AC/DC Current Probe | Android (USB) Oscilloscope |
| AC Current Probe | |



M SigOFIT Gen 3 Optical Isolated Probe

MOIP Series		
Model	MOIP350X	MOIP200X
Bandwidth	350MHz	200MHz
Rise Time	$\leq 1\text{ns}$	$\leq 1.75\text{ns}$
CMRR	DC: 180dB 350MHz: 118dB	DC: 180dB 200MHz: 122dB
Differential Voltage Range	Standard: OP50(MMCX), $\pm 25\text{V}$ OP5000(MCX), $\pm 2500\text{V}$	Standard: OP50(MMCX), $\pm 25\text{V}$
	Other test ranges customizable	Other test ranges customizable
Noise	$< 0.3\text{mVrms}$	
Common Mode Voltage Range	85kVpk	
Fiber Cable Length	2m (Customizable)	
Interface	Standard BNC interface, compatible with all oscilloscope brands	
Key Features	• Automatic calibration: Ready for measurement upon power-on, no manual calibration required • Complete electrical isolation with isolation voltage up to 85 kV • Ultra-high common-mode rejection ratio (up to 180 dB) • High-speed response for accurate and reliable high-frequency signal measurement • Low noise and strong immunity to electromagnetic interference • DC gain accuracy better than 1% • Fiber length: 2 m (customizable fiber length available) • Compatible with various attenuators, supporting measurement from $\pm 0.01\text{ V}$ to $\pm 20\text{ kV}$ (differential-mode signals; measurement voltage range is customizable)	
Support Customization	• Test Voltage Range • Fiber Length	

NEW



200MHz/350MHz
1% Accuracy
Calibration-Free
Powered by Fiber
BNC Interface
Support Customization

Attenuator Connector		
Accessory Type	Voltage range	Non-destructive voltage (Max.)
MMCX jack	$\pm 50\text{V}$	$\leq 1000\text{Vpk}$
MCX jack	$\pm 2500\text{V}$	$\leq 2500\text{Vpk}$
MMCX coaxial lead	$\pm 50\text{V}$	$\leq 1000\text{Vpk}$
MCX jack	$\pm 2500\text{V}$	$\leq 2500\text{Vpk}$
LCX coaxial lead	$\pm 5000\text{V}$	$\leq 8000\text{Vpk}$
MMCX IC clip	$\pm 50\text{V}$	$\leq 1000\text{Vpk}$
MCX IC clip	$\pm 2500\text{V}$	$\leq 2500\text{Vpk}$

MicSig SigOFIT Gen 2 Optical Isolated Probe

MOIP Series				
Model	MOIP1000P	MOIP500P	MOIP350P	MOIP200P
Bandwidth	1GHz	500MHz	350MHz	200MHz
Rise Time	≤450ps	≤700ps	≤1ns	≤1.75ns
CMRR	DC: 180dB 1GHz: 108dB	DC: 180dB 500MHz: 114dB	DC: 180dB 350MHz: 118dB	DC: 180dB 200MHz: 122dB
Differential Voltage Range	Standard: OP50(MMCX), ±25V OP5000(MCX), ±2500V		Standard: OP20(MMCX), ±25V OP1000(MCX), ±1250V	Standard: OP20(MMCX), ±25V
	Optional: OP20(MMCX), ±10V OP100(MMCX), ±50V OP2000(MCX), ±1000V OP10000(LCX), ±5000V		Optional: OP50(MMCX), ±62.5V OP200(MCX), ±250V OP2000(MCX), ±2500V OP5000(LCX), ±6250V	
Noise	< 0.45mVrms			
DC Gain Accuracy	1%			
Common Mode Voltage Range	85kVpk			
Fiber Cable Length	2m (Customizable)			
Interface	Standard BNC interface, compatible with all oscilloscope brands			
Key Features	• Ultra-high common-mode rejection ratio (up to 180 dB) • Test starts immediately upon power-on, no preheating required • Seconds-fast self-calibration, no waiting needed • Accuracy better than 1% • Laser-powered, achieving complete electrical isolation • High signal-to-noise ratio (SNR), with multiple magnification attenuators optional to achieve full-scale output • Extremely high stability and minimal temperature drift			
Support Customization	• Test Voltage Range • Fiber Length			



200MHz-1GHz
1% Accuracy
Excellent Amplitude-Frequency
Powered by Fiber
BNC Interface
Support Customization

High Voltage Differential Probe

DP Series				
Model	DP3003		DP1503	
Bandwidth	300MHz		300MHz	
Differential Voltage (DC+AC PK) Max.	300V (100X) 3000V (1000X)		150V (50X) 1500V (500X)	
Input Impedance	30M Ω <0.8pF (differential) 15M Ω <1.6pF (each input to ground)		13.2M Ω <1pF (differential) 6.6M Ω <2pF (each input to ground)	
Model	DP7002	DP3002	DP1502	DP702
Bandwidth	200MHz	200MHz	200MHz	200MHz
Differential Voltage (DC+AC PK) Max.	700V (100X) 7000V (1000X)	300V (100X) 3000V (1000X)	150V (50X) 1500V (500X)	70V (20X) 700V (200X)
Input Impedance	120M Ω <0.8pF (differential) 60M Ω <1.6pF (each input to ground)	30M Ω <0.8pF (differential) 15M Ω <1.6pF (each input to ground)	13.2M Ω <1.8pF (differential) 6.6M Ω <3.6pF (each input to ground)	6M Ω <1.8pF (differential) 3M Ω <3.6pF (each input to ground)
Model	DP7000	DP3000	DP1500	DP700
Bandwidth	100MHz	100MHz	100MHz	100MHz
Differential Voltage (DC+AC PK) Max.	700V (100X) 7000V (1000X)	300V (100X) 3000V (1000X)	150V (50X) 1500V (500X)	70V (20X) 700V (200X)
Input Impedance	120M Ω <0.8pF (differential) 60M Ω <1.6pF (each input to ground)	30M Ω <0.8pF (differential) 15M Ω <1.6pF (each input to ground)	13.2M Ω <1.8pF (differential) 6.6M Ω <3.6pF (each input to ground)	6M Ω <1.8pF (differential) 3M Ω <3.6pF (each input to ground)
General Specifications				
Accuracy (Typical)	Standard $\pm 2\%$ (Customizable $\pm 1\%$ accuracy)			
CMRR	DC: >-80dB, 100kHz: >-60dB, 10MHz: >-30dB, 100MHz: >-26dB			
Interface	Standard BNC interface, compatible with all oscilloscope brands			
Key Features	• Bandwidth up to 300MHz: suitable for a wide range of testing scenarios • High-fidelity signal reproduction: excellent amplitude-frequency characteristics and common-mode rejection ratio for precise signal detail capture • Low loading measurement design: high input impedance and ultra-low input capacitance enhance measurement accuracy • Smart & convenient design: features one-second auto zero and flexible dual-range switching			



300MHz / 200MHz / 100MHz

$\pm 2\%$ Accuracy
(Customizable $\pm 1\%$ accuracy)

BNC Interface

Support Customization



100MHz Package



200MHz/300MHz Package

High Frequency AC/DC Current Probe

CP Series			
Model	CP1510	CP3008	CP3005
Bandwidth	DC~10MHz	DC~8MHz	DC~5MHz
Rise Time	≤ 46ns	≤ 53ns	≤ 70ns
Max. Current Input	150Arms, 300Apk	300Arms, 500Apk	300Arms, 500Apk
Accuracy (DC)	±1% ±10mA (30A) ±1% ±100mA (150A)	±1% ±10mA (50A) ±1% ±100mA (300A)	±1% ±10mA (50A) ±1% ±100mA (300A)
Noise	<1.5mArms (30A) <10mArms (150A)	<1.5mArms (50A) <12mArms (300A)	<1.5mArms (50A) <12mArms (300A)
Output Sensitivity	1V/10A (30A, 10X) 1V/100A (150A, 100X)	1V/1A (50A, 10X) 1V/100A (300A, 100X)	1V/1A (50A, 10X) 1V/100A (300A, 100X)
Max. Conductor Diameter	20mm		
Fiber Cable Length	2m (Customizable)		
Interface	Standard BNC interface, compatible with all oscilloscope brands		
Model	CP1003B	CP503B	
Bandwidth	DC~100MHz	DC~50MHz	
Rise Time	≤3.5ns	≤7ns	
Max. Current Input	30Arms, 50Arms		
Accuracy (DC)	±1% ±1mA (5A), ±1% ±10mA (30A)		
Noise	<4mApp (5A), <30mApp (30A)		
Output Sensitivity	1V/1A (5A, 1X), 1V/10A (30A, 10X)		
Max. Conductor Diameter	5mm		
Fiber Cable Length	1m (Customizable)		
Interface	Standard BNC interface, compatible with all oscilloscope brands		
Key Features	• Easily capture high-frequency signals without waveform distortion • Supports testing of large-current signals • High signal-to-noise ratio and low-noise design: Ensures precise signal capture • Dual-range design: Suitable for both small-signal detection and large-current testing • One-click operation: Supports one-key zero calibration and degaussing • Dual alarms: Overload and jaw-lock indicator lights ensure safe operation		



CP1510/CP3008/CP3005

10MHz / 8MHz / 5MHz
300Arms, 500Apk
BNC Interface



CP1003B/CP503B

100MHz / 50MHz
1mA (5A), 10mA (30A)
BNC Interface

Rogowski AC Current Probe

Model	RCP-XS Series		RCP-S Series		RCP-M Series		RCP-L Series
Coil Circumference	80mm	200mm	200mm	700mm	200mm	700mm	700mm
Measurable Conductor Diameter	≤20mm	≤60mm	≤60mm	≤220mm	≤60mm	≤220mm	≤220mm
Coil Cross-Section Diameter	1.6mm		3.0mm		4.5 mm		8.0mm
Wire Length	1.5m (integrator to Rogowski coil)						
Interface	Standard BNC interface, compatible with all oscilloscope brands						
Key Features	• Compacted and flexible design, easy to plug in and out • Low insertion loss (only a few picohenries), no interference to the measured circuit, and supporting safe and non-destructive real-time monitoring • Slim coil circuit (smallest diameter only 1.6 mm), more suitable for current measurement of small packaged devices (such as MOSFETs and IGBTs) • Customized probe rings and cable lengths, meet various individual requirements						
Support Customization	• Wire length • Coil cross-sectional diameter • Coil circumference • Higher current • Higher working temperature						



RCP-XS Series



RCP-S Series



RCP-M Series



RCP-L Series

The coil's cross-sectional diameter, circumference, and lead length are all customizable.

RCP-XS Series (Typical coil cross-section diameter: 1.6 mm)

Model	RCP60XS-80	RCP120XS-80	RCP300XS-80	RCP600XS-80	RCP1200XS-80	RCP3000XS-80
Peak Current	60Apk	120Apk	300Apk	600Apk	1200Apk	3000Apk
Bandwidth	70Hz-30MHz	34Hz-30MHz	10Hz-30MHz	8Hz-30MHz	5Hz-30MHz	4Hz-30MHz
Output Sensitivity	100mV/A (10X)	50mV/A (20X)	20mV/A (50X)	10mV/A (100X)	5mV/A (200X)	2mV/A (500X)
Peak Coil Isolation Voltage	1.5kVpk (Rogowski coil part only)					
Model	RCP6000XS-80	RCP12000XS-80	RCP300XS-200	RCP600XS-200	RCP1200XS-200	RCP6000XS-200
Peak Current	6000Apk	12000Apk	300Apk	600Apk	1200Apk	6000Apk
Bandwidth	4Hz-30MHz	2Hz-30MHz	10Hz-20MHz	7Hz-20MHz	5Hz-20MHz	3Hz-20MHz
Output Sensitivity	1mV/A (1000X)	0.5mV/A (2000X)	20mV/A (50X)	10mV/A (100X)	2mV/A (200X)	1mV/A (1000X)
Peak Coil Isolation Voltage	1.5kVpk (Rogowski coil part only)					

RCP***XS-80: 80 mm coil circumference.
RCP***XS-200: 200 mm coil circumference.

RCP-S Series (Typical coil cross-section diameter: 3.0 mm)

Model	RCP120S-200	RCP300S-200	RCP600S-200	RCP1200S-200
Peak Current	120Apk	300Apk	600Apk	1200Apk
Bandwidth	14Hz-25MHz	7Hz-25MHz	5Hz-25MHz	5Hz-25MHz
Output Sensitivity	50mV/A (20X)	20mV/A (50X)	10mV/A (100X)	5mV/A (200X)
Peak Coil Isolation Voltage	3kVpk (Rogowski coil part only)			
Model	RCP3000S-200	RCP6000S-200	RCP6000S-700	RCP12000S-700
Peak Current	3000Apk	6000Apk	6000Apk	12000Apk
Bandwidth	3Hz-25MHz	2Hz-25MHz	3Hz-10MHz	2Hz-10MHz
Output Sensitivity	2mV/A (500X)	1mV/A (1000X)	1mV/A (1000X)	0.5mV/A (2000X)
Peak Coil Isolation Voltage	3kVpk (Rogowski coil part only)			

RCP***S-200: 200 mm coil circumference.

RCP***S-700: 700 mm coil circumference.

RCP-M Series (Typical coil cross-section diameter: 4.5 mm)

Model	RCP120M-200	RCP300M-200	RCP600M-200	RCP1200M-200
Peak Current	120Apk	300Apk	600Apk	1200Apk
Bandwidth	14Hz-25MHz	7Hz-25MHz	5Hz-25MHz	5Hz-25MHz
Output Sensitivity	50mV/A (20X)	20mV/A (50X)	10mV/A (100X)	5mV/A (200X)
Peak Coil Isolation Voltage	5kVpk (Rogowski coil part only)			
Model	RCP3000M-200	RCP6000M-200	RCP6000M-700	RCP12000M-700
Peak Current	3000Apk	6000Apk	6000Apk	12000Apk
Bandwidth	3Hz-25MHz	2Hz-25MHz	3Hz-10MHz	2Hz-10MHz
Output Sensitivity	2mV/A (500X)	1mV/A (1000X)	1mV/A (1000X)	0.5mV/A (2000X)
Peak Coil Isolation Voltage	5kVpk (Rogowski coil part only)			

RCP***M-200: 200 mm coil circumference.

RCP***M-700: 700 mm coil circumference.

RCP-L Series (Typical coil cross-section diameter: 8 mm)

Model	RCP600L-700	RCP1200L-700	RCP3000L-700	RCP6000L-700	RCP12000L-700
Peak Current	600Apk	1200Apk	3000Apk	6000Apk	12000Apk
Bandwidth	8Hz-10MHz	6Hz-10MHz	4Hz-10MHz	3Hz-10MHz	2Hz-10MHz
Output Sensitivity	10mV/A (100X)	5mV/A (200X)	2mV/A (500X)	1mV/A (1000X)	0.5mV/A (2000X)
Peak Coil Isolation Voltage	10kVpk (Rogowski coil part only)				

RCP***L-700: 700 mm coil circumference.

M Low Frequency AC/DC Current Probe

CP2100 Series		
Model	CP2100B	CP2100A
Bandwidth	DC~2.5MHz	DC~800kHz
Rise Time	≤140ns	≤437.5ns
Ranges	10A/100A	
Output Sensitivity	0.1V/A (10A), 0.01V/A (100A)	
DC Accuracy	3%±50mA (10A), 4%±50mA (100A, 500mA~40Apk) 15% (100A, 40Apk~100Apk)	
Signal Delay	100ns	
Current Measurement Range	50mA~10Apk (10A, 10X), 1A~100Apk (100A, 100X)	
Max. Measuring Current	100Apk, 70.7Arms (DC+ACpk)	
Max. Conductor Diameter	13mm	
Interface	Standard BNC interface, compatible with all oscilloscope brands	
Key Features	• Optional 800kHz, 2.5MHz bandwidth • Switchable 10A/100A current range • Auto / Manual Zero adjustment • Compact & exquisite design, easy to use • Measures 13mm diameter conductor	



2.5MHz / 800kHz
10A/100A
BNC Interface

M AC Current Probe

ACP1000			
Model	ACP1000		
Input	0.1~10A	0.1~100A	1~1000A
Rated Output	100mV/A	10mV/A	1mV/A
Frequency(Hz)	10Hz - 100kHz		
Accuracy grade	3% ± 10mV	2% ± 5mV	1% ± 1mV
Max. Conductor Diameter	52mm		
Interface	Standard BNC interface, compatible with all oscilloscope brands		
Key Features	• Easy switch: 10A, 100A, 1000A, tests up to 1000A • Up to 1% accuracy • Clamp design, no need to disconnect the circuit-under-test		



12 Bit High-resolution Oscilloscope

MHO6 Series

Model	MHO68-1000	MHO68-500	MHO68-350
Bandwidth	1GHz	500MHz	350MHz
Rise Time	≤ 0.4ns	≤ 0.7ns	≤ 1ns
Analog Channels	8		
Display	16" full touch display, 1920 × 1200 resolution		
Dimension	443.6*307.2*37.6mm		
Key Features	• Simultaneous data saving on multi-channel • Advanced math and FFT function • Segmented storage function • USB 3.0/2.0 Host, USB Type-C, LAN, HDMI, Aux In/Out, 10 MHz clock signal In/Out • Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B		



1GHz / 500MHz / 350MHz

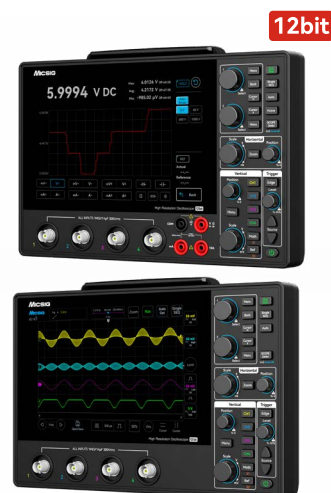
6GSa/s

1.8Gpts

Side Thickness 3.76cm

MHO1 Series (Tablet)

	With multimeter		Without multimeter	
Model	MHO14-200	MHO14-100	MHO14-200N	MHO14-100N
Bandwidth	200MHz	100MHz	200MHz	100MHz
Rise Time	≤1.75ns	≤3.5ns	≤1.75ns	≤3.5ns
Analog Channels	4			
Multifunction Meter Accuracy	4½ Digits		/	
Display	8" TFT LCD capacitive touch screen, 1280*800 pixels			
Dimension	265*174*31mm		265*174*31mm	
Weight	1.73kg (with battery)		1.68kg (with battery)	
Key Features	• Large-capacity battery • Supports power lock for safer carrying • Supports 6-digit hardware frequency counter • Support charging with power bank • USB 3.0 Host, USB Type-C, LAN, HDMI • Mobile APP, PC remote control, SCPI commands • Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B			



200MHz / 100MHz

1GSa/s

110Mpts

Option 4% Digits



Handbag Set



Suitcase Set

M 12 Bit High-resolution Oscilloscope

MH03 Series			
Model	MH03-5004	MH03-3504	MH03-2504
Bandwidth	500MHz	350MHz	250MHz
Rise Time	≤ 0.7ns	≤1ns	≤1.4ns
Analog Channels	4		
Display	14" full touch display, 1920 x 1200 resolution		
Dimension	400*280*35.8mm		
Key Features	• Noise < 80μVrms • Advanced math and FFT function • High / low pass bandwidth filtering • Mobile APP, PC remote control, SCPI commands • USB 3.0/2.0 Host, USB Type-C, LAN, HDMI, Aux In/Out, 10 MHz clock signal In/Out • Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B		



12bit

500MHz / 350MHz / 250MHz

3GSa/s

360Mpts

Side Thickness 3.58cm

MO3 Series (Modular)			
Model	MO34-500	MO34-350	MO34-250
	MO34-500Pro	MO34-350Pro	MO34-250Pro
Bandwidth	500MHz	350MHz	250MHz
Rise Time	≤0.7ns	≤1ns	≤1.4ns
Analog Channels	4		
Dimension	224.5*30*264.3mm		
Key Features	• HDMI direct connection: Plug-and-play, smooth interaction • Multi-Unit parallel: Supports multi-channel testing solutions, reducing usage costs • Remote control and automation: Supports PC remote control and SCPI commands • Ultra-thin design: Only 3 cm high, saving desktop space and easily fitting into racks • Baseline noise of less than 85μVrms		
MO3 Pro Series Additional Features	• Includes specialized software designed for system integration • Supports SFP+ mode for high-speed data transmission • High-speed data transmission: Stable and efficient transfer, ideal for test system integration		



12bit

500MHz / 350MHz / 250MHz

3GSa/s

360Mpts

M 8 Bit Tablet Oscilloscope

ETO Series		
Model	ETO5004	ETO3504
Bandwidth	500MHz	350MHz
Rise Time	$\leq 0.7\text{ns}$	$\leq 1\text{ns}$
Analog Channels	4	
Display	14" full touch display, 1920 x 1200 resolution	
Dimension	353*245*56mm	
Key Features	- Noise < 90μVrms - Advanced math and FFT functions - Built-in large battery, easy for lab and field using - Mic-OP1™ probe interface, auto probe compensation - Support mobile, PC remote control and SCPI commands - Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B	



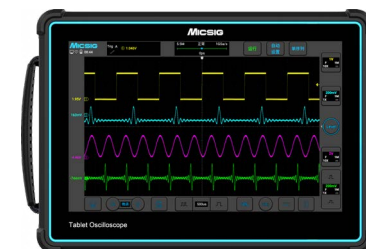
500MHz / 350MHz

3GSa/s

360Mpts

7.4V/13500mAh

TO Series				
Model	TO3004	TO2004	TO2002	TO1004
Bandwidth	300MHz	200MHz	200MHz	100MHz
Rise Time	$\leq 1.16\text{ns}$	$\leq 1.75\text{ns}$	$\leq 1.75\text{ns}$	$\leq 3.5\text{ns}$
Analog Channels	4	4	2	4
Display	10.1 inch LCD capacitive touch display, 1280*800 resolution			
Dimension/Weight	265*192*50mm/1.9kg (with battery)			



TO3004 / TO2004 | TO2002 / TO1004

300MHz / 200MHz / 100MHz

2GSa/s | 1GSa/s

220Mpts | 110Mpts

7.4V/7500mAh

STO Series		
Model	STO2002	STO1004
Bandwidth	200MHz	100MHz
Rise Time	$\leq 1.75\text{ns}$	$\leq 3.5\text{ns}$
Analog Channels	2	4
Display	Industrial 8" TFT-LCD (800*600)	
Dimension/Weight	265*192*50mm/1.9kg (with battery)	
Key Features	- Excellent connectivity: HDMI, USB 3.0/2.0 Host, USB Type-C - Innovative PC & STO phone App remote control - Up to 5h battery life & compact size, perfect for field work - Support Wi-Fi, USB, computer control and SCPI - Power-off switch lock, safe to travel and store - Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B	



STO2002 / STO1004

200MHz / 100MHz

1GSa/s

70Mpts

7.4V/7500mAh

M High-resolution Automotive Oscilloscope

AH01 Series	
Model	AH014-200
Bandwidth	200MHz
Rise Time	$\leq 1.75\text{ns}$
Analog Channels	4
Multifunction Meter Accuracy	4% Digits
Display	8" TFT LCD capacitive touch screen, 1280*800 pixels
Dimension	265*174*31mm
Dimension/Weight	265*174*31mm / 1.73kg (with battery)
Key Features	• Pre-configured automotive diagnostic functions, compatible with all vehicle models • Supports actuator testing, comprehensive primary and secondary ignition circuit tests • Built-in battery for more convenient vehicle body diagnostics • Compact and lightweight, ideal for automotive diagnostics • Comes with a full set of automotive repair accessories for more accurate measurements • Integrated 4%-digit multimeter function • Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B
Auto-diagnostic Presets	• Charging/Start Circuit: 12V&24V charging, Alternator AC Ripple, Ford smart Alternator, 12V&24V Start, Cranking Current • Sensor: ABS, Accelerator Pedal, Air Flow Meter, Camshaft, Coolant Temperature, Crankshaft, Distributor, Fuel pressure, Knock, Lambda, MAP, Road Speed, Throttle Position • Actuators: Carbon Canister Solenoid Valve, Diesel Glow Plugs, EGR Solenoid Valve, Fuel Pump, Idle Speed Control Valve (IAC), Injector (Petrol), Injector (Diesel), Pressure Regulator, Quantity Control Valve, Throttle Servomotor, Variable-speed cooling fan, Variable Valve Timing • Ignition: Primary, Secondary, Primary + Secondary • Networks: CAN High & CAN Low, CAN FD, FlexRay, K line • Combination Tests: Crankshaft + Camshaft, Camshaft + Primary Ignition, Primary ignition + Injector Vol, Crankshaft + Camshaft + Injector Vol. + Secondary Ignition • Pressure Tests: Intake Manifold, Exhaust Tailpipe, In-Cylinder, In-Crankcase



200MHz
1GSa/s
110Mpts
4% multimeter
General / Automotive
Dual Software



Standard Kit



Master Kit

M High-resolution Automotive Oscilloscope

TO Series

Model	TO3004	TO2004	TO2002	TO1004
Bandwidth	300MHz	200MHz	200MHz	100MHz
Rise Time	≤1.16ns	≤1.75ns	≤1.75ns	≤3.5ns
Analog Channels	4	4	2	4
Display	10.1 inch LCD capacitive touch display, 1280*800 resolution			
Dimension/Weight	265*192*50mm/1.9kg (with battery)			



STO Series

Model	STO2002	STO1004
Bandwidth	200MHz	100MHz
Rise Time	≤1.75ns	≤3.5ns
Analog Channels	2	4
Display	Industrial 8" TFT-LCD (800*600)	
Dimension/Weight	265*192*50mm/1.9kg (with battery)	

ATO3004/ATO2004 | ATO2002/ATO1004

300MHz / 200MHz / 100MHz

2GSa/s | 1GSa/s

220Mpts | 110Mpts

7.4V/7500mAh



Key Features

- Excellent connectivity: HDMI, USB 3.0/2.0 Host, USB Type-C
- Innovative PC & STO phone App remote control
- Up to 5h battery life & compact size, perfect for field work
- Support Wi-Fi, USB, computer control and SCPI
- Power-off switch lock, safe to travel and store
- Bus decodes: RS-232/422/485/UART, CAN, CAN FD, LIN, SPI, I²C, ARINC429, 1553B

SATO2002 / SATO1004

200MHz / 100MHz

1GSa/s

70Mpts

7.4V/7500mAh

VATO Series

Model	VATO2004
Bandwidth	200MHz
Rise Time	≤1.75ns
Vertical Resolution	8bit
Dimension/Weight	140*215*52mm/640g (with battery)

Key Features

- One step to diagnose, easy to test
- Small size, light weight, perfect for outdoor test
- Deep memory depth, capture all signal details
- Multiple serial bus protocol triggering and decoding



200MHz

1GSa/s

50Mpts

7.4V/7500mAh



About Micsig

Founded in 2012, Micsig Technology is a nationally recognized "specialized and innovative" enterprise. The company continuously pushes the boundaries of technology, focusing on oscilloscopes and probes while consistently driving industry innovation.

Micsig developed the industry's first fully touch-enabled tablet oscilloscope, challenging the bulky design of traditional instruments. The SigtestUI™ professional testing system, deeply customized based on Android, is the first platform purpose-built for testing scenarios—addressing engineers' core challenges around portability and usability and setting a new benchmark for portable test equipment.

Leveraging self-developed SigOFIT™ core technology, Micsig has achieved breakthroughs in its optical-fiber isolated probe, filling a critical gap in the market and pushing the performance frontier. This innovation solves the testing challenges of third-generation semiconductors (SiC/GaN) in high-voltage and high-interference environments.

Micsig has established a comprehensive product portfolio covering high-resolution oscilloscopes and a full range of precision probes, empowering key sectors such as renewable energy, energy storage, microgrids, electric vehicles, industrial power systems, rail transportation, motor drives, and digital energy.

Guided by its belief in "Testing Beyond Limits," Micsig continues to explore the frontiers of measurement precision—delivering highly accurate test and measurement solutions that customers worldwide trust and enabling a more efficient, intelligent, and controllable energy future.



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