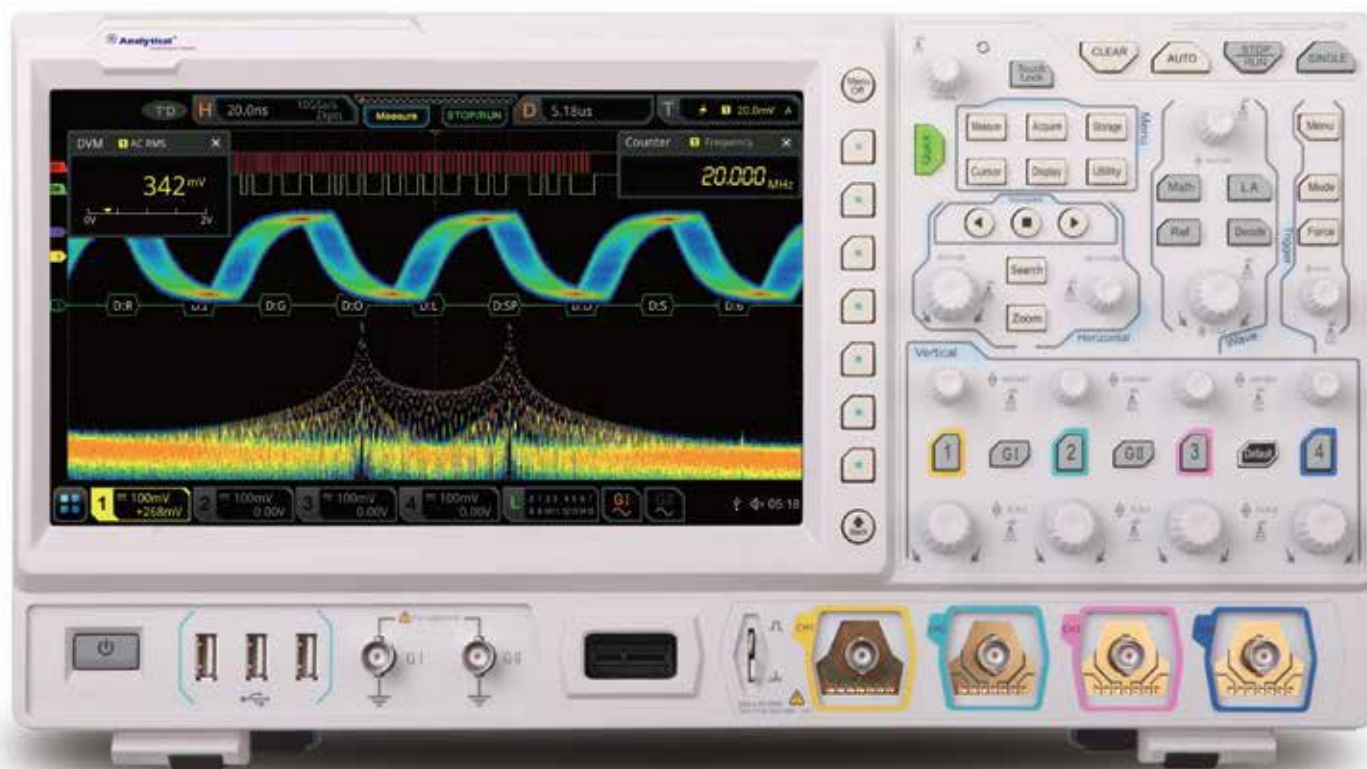


MSO/OS-3054

Series Digital Oscilloscope



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

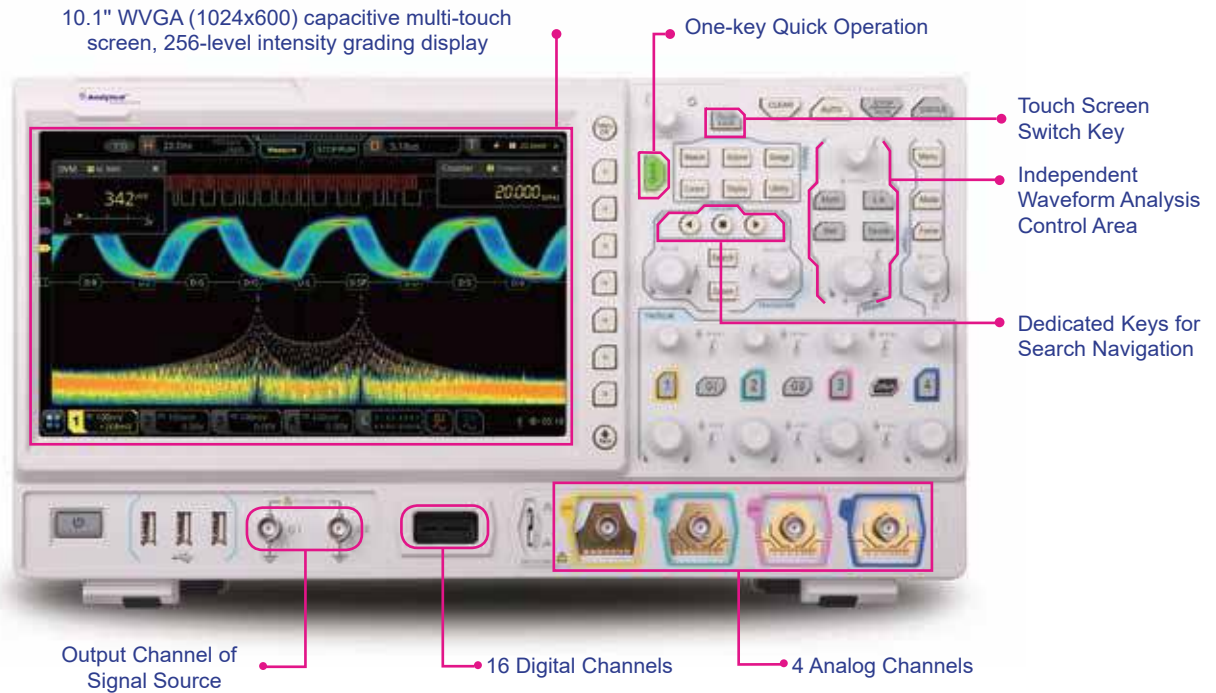
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- Analog bandwidth: 500 MHz, 350 MHz, 200 MHz, and 100 MHz; bandwidth upgrade option supported
- 4 analog channels, 1 EXT channel, and 16 digital channels (Option)
- Up to 10 GSa/s real-time sample rate
- Up to 500 Mpts memory depth (Option)
- High waveform capture rate (over 600,000 waveforms per second)
- Up to 450,000 frames of hardware real-time and ceaseless waveforms recording and playback functions
- Integrates 7 independent instruments into 1, including digital oscilloscope, 16-channel logic analyzer, spectrum analyzer, arbitrary waveform generator, digital voltmeter, 6-digit frequency counter and totalizer, and protocol analyzer
- A variety of serial protocol triggers and decodes
- Auto measurement of 41 waveform parameters; full-memory hardware measurement function
- A variety of math operations, built-in enhanced FFT analysis, and peak search function
- Waveform histogram analysis (standard)
- Independent search, navigation keys, and event table
- Built-in advanced power analysis software (option)
- User-defined one-key quick operation
- 10.1-inch capacitive multi-touch screen, 256-level intensity grading display, with color persistence
- Multiple interfaces available: USB HOST&DEVICE, LAN(LXI), HDMI, TRIG OUT, and USB-GPIB
- Web Control remote command
- Unique online version upgrade
- Novel and delicate industrial design, easy to operate

MSO3054/OS3054 series is a multifunctional and high-performance digital oscilloscope designed on the basis of the UltraVision II technology developed by ATL. Integrating 7 independent instruments into one, the MSO3054/OS3054 series is equipped with super high sample bandwidth ratio, extremely high memory depth, clear display, excellent waveform capture rate, and powerful data analysis functions. Many of its specifications have reached the top level in the industry. With sound solutions for mainframes, optional accessories, and application software, it has aroused great attention from customers in the areas such as industrial control, power supply, and automotive electronics.

►► Sophisticated and Convenient Industry Design -- Client Oriented






The innovative physical appearance of the instrument and the thin design in both sides of the instrument not only make its LCD display prominent but also keeps its shape delicate, making it portable and easy to operate.



The 10.1-inch capacitive multi-touch screen supports various touch gestures, making it always keep up with the mainstream development trend for screen operation. The touch gestures such as "tap", "Pinch & Stretch", "Drag", and "Rectangle Drawing" make you find the measurement operation more smooth, convenient, and easy to learn. Meanwhile, the MSO3054/OS3054 series digital oscilloscope still keeps the knob and key operation as what ATL traditional digital oscilloscopes have, optimizing the user-friendly interactive experience to a large extent.



►► Overview of ATL's Medium-end Series Products

	MSO/DS3200A	MSO/DS3400	MSO3500	DS3600	MSO/OS3054
					
Analog Channel+Digital Channe	2+16	4+16	2/4+16	4	4+16
Analog Bandwidth	70 MHz to 300 MHz	100 MHz to 500 MHz	70 MHz to 350 MHz	600 MHz to 1 GHz	100 MHz to 500 MHz
Max. Sample Rate	2 GSa/s	4 GSa/s	8 GSa/s	5 GSa/s	10 GSa/s
Max. Memory Depth	56 Mpts (optional)	140 Mpts	200 Mpts (optional)	140 Mpts	500 Mpts (optional)
Waveform Capture Rate	> 52,000 wfms/s	> 110,000 wfms/s	>500,000 wfms/s	> 180,000 wfms/s	> 600,000 wfms/s
Max. Frames of Waveform Recording	65,000	200,000	450,000	200,000	450,000
LCD	8"	9"	9" capacitive multi-touch screen	10.1"	10.1" capacitive multi-touch screen
Hardware Mask Test	Standard	Standard	Standard	Standard	Standard
Built-in Arbitrary Waveform Generator	2 CH, 25 MHz (optional)	None	2 CH, 25 MHz (optional)	None	2 CH, 25 MHz (optional)
Built-in Digital Voltmeter	None	None	Standard	None	Standard
Built-in Hardware Counter	6-digit frequency counter	6-digit frequency counter	6-digit frequency counter + totalizer	6-digit frequency counter	6-digit frequency counter + totalizer
Search and Navigation	None	None	Standard, supporting table display	None	Standard, supporting table display
Power Analysis	PC (optional)	PC (optional)	Built-in UPA (optional)	PC (optional)	Built-in UPA (optional)
Serial Protocol Analysis	RS232/UART, I2C, SPI, CAN, and USB	RS232/UART, I2C, SPI, CAN, FlexRay, and MIL-STD-1553	RS232/UART, I2C, SPI, CAN, LIN, FlexRay, I2S, and MIL-STD-1553	RS232/UART, I2C, SPI, CAN, and FlexRay	RS232/UART, I2C, SPI, CAN, LIN, FlexRay, I2S, and MIL-STD-1553
Waveform Color Persistence	None	None	Standard	None	Standard
Histogram	None	None	Standard	None	Standard
FFT	Standard	Standard	Enhanced FFT, Standard	Standard	Enhanced FFT, Standard
MATH	Displays 1 function at the same time	Displays 1 function at the same time	Displays 4 function at the same time	Displays 1 function at the same time	Displays 4 function at the same time
Connectivity	standard: USB, LAN, and VGA option: USBGPIB	standard: USB, LAN, and VGA option: USBGPIB	standard: USB, LAN, and HDMI option: USBGPIB	standard: USB, VGA, and LAN option: USBGPIB	standard: USB, LAN, and HDMI option: USBGPIB

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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Chromatograph
3007



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Chromatograph
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Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



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Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



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system

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Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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