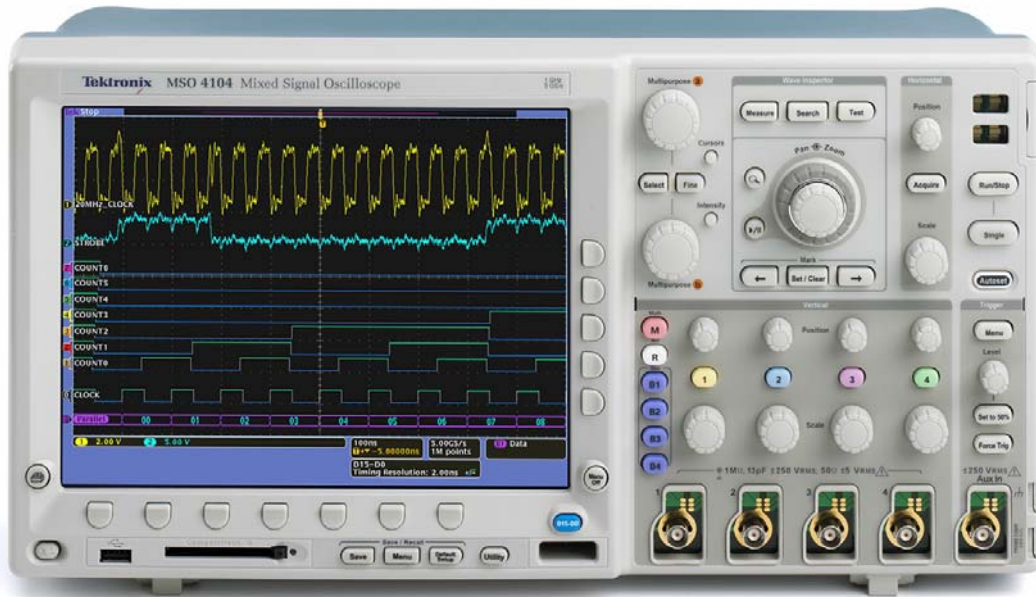


Tektronix MSO4000 Series Mixed Signal Oscilloscopes

The Ultimate All-in-One Tool for Embedded Design



Free up valuable bench-top space -

Dimensions: 9.0 in. (229 mm) height x 17.3 in. (439 mm) width x 5.4 in (137 mm) depth; 11 lbs (5kg) weight.



P6516 Mixed Signal Oscilloscope Probe

Key Specifications

Bandwidth	350 MHz, 500 MHz, 1 GHz models
Channels	2 or 4 analog + 16 digital channel models
Record Length	10 M standard on all channels
Timing Resolution (MagniVu™)	60.6 ps (16.5 GS/s) on digital channels
Display	10.4 inches (264 mm); 1,024 x 768 resolution (XGA)
Mass Storage	Front panel USB and CompactFlash
Additional	<ul style="list-style-type: none">▪ I²C, SPI, CAN, RS-232/422/485/UART serial triggering and analysis options▪ Parallel bus decoding and triggering▪ Per-channel digital thresholds▪ Multi-channel set-up and hold

Designed to make your work easier...

- ▶ **Familiar Operation** – drives like the tool you already know how to use.
- ▶ **Wave Inspector® Controls** for simple and efficient navigation of waveforms.
- ▶ **Large 10.4 in. XGA Screen** to easily visualize data.
- ▶ **Next-generation Digital Waveform Display** with color-coded ones and zeros, white edge multiple transition detection, and waveform grouping.
- ▶ **Innovative Digital Probe Design** simplifies connecting to the device-under-test.

Dist-Tron, Inc.

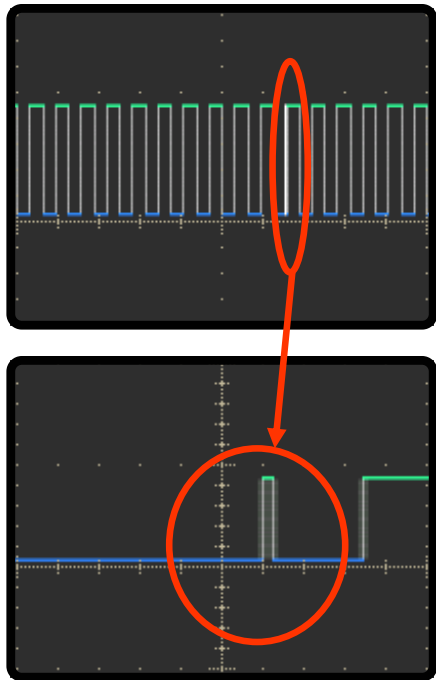
1-800-347-8766

www.dist-tron.com

Tektronix[®]
Enabling Innovation

Tektronix MSO4000 Series

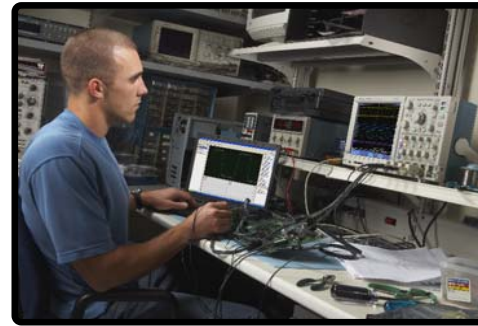
Next-Generation Digital Waveform Display



- ▶ **Green** indicates logic high
- ▶ **Blue** indicates logic low
- ▶ **White edge** indicates more information is available by zooming in
- ▶ Innovative grouping technique makes it easy to manage digital channels



Easy digital probing with the P6516 probe design.



Simply store, transfer and document your results on a PC.



Zoom, pan, search, set user marks and more with Wave Inspector®

Ordering Information

Models	Analog Channels	Digital Channels	Bandwidth	Sample Rate (Analog / Digital)	Price	Application Modules
MSO4104	4	16	1 GHz	5.0 / 16.5 GS/s	XXX	DPO4AUTO - Automotive Serial Triggering and Analysis Module (CAN). XXX
MSO4054	4	16	500 MHz	2.5 / 16.5 GS/s	XXX	DPO4EMBD - Embedded Serial Triggering and Analysis Module (I ² C, SPI). XXX
MSO4034	4	16	350 MHz	2.5 / 16.5 GS/s	XXX	DPO4COMP - Computer Serial Triggering and Analysis Module (RS-232/422/485/UART). XXX
MSO4032	2	16	350 MHz	2.5 / 16.5 GS/s	XXX	DPO4VID - HDTV and Custom Video Triggering Module. XXX

Standard Probes and Accessories

- ▶ One P6139A 500 MHz, 10x Passive Probe per Channel.
- ▶ One P6516 16 Channel Logic Probe.
- ▶ One Logic Probe Accessory Kit (020-2662-00).
- ▶ Front Cover (200-4908-00).
- ▶ CompactFlash Memory Card; 32MB (156-9413-00).
- ▶ User Manual, Documentation CD (063-3903-00).
- ▶ OpenChoice® Desktop Software.
- ▶ National Instruments SignalExpress™ Tektronix Edition Software (Base).
- ▶ Calibration Certificate Documenting Traceability to National Metrology Institute(s) and ISO9001 Quality System Registration.
- ▶ Power Cord.
- ▶ Accessory Bag (016-1967-00).
- ▶ Three-year Warranty.

Please specify power plug and manual version when ordering.

Recommended Probes and Accessories

Category	Model	Description	Price
Probes	▶ TAP1500	1.5 GHz TekVPI™ Active Probe.	XXX
	▶ TDP0500	500 MHz TekVPI 42V Differential Probe.	XXX
	▶ TDP1000	1 GHz TekVPI 42V Differential Probe.	XXX
	▶ TCP0030	120 MHz TekVPI 30 Ampere AC/DC Current Probe.	XXX
	▶ TCPA300/400 [†]	Current Measurement Systems.	XXX
	▶ P5205 [†]	1.3 kV, 100 MHz High-voltage Differential Probe.	XXX
	▶ P5210 [†]	5.6 kV, 50 MHz High-voltage Differential Probe.	XXX
	▶ P5100	2.5 kV, 100X High-voltage Passive Probe.	XXX
Accessories	▶ ADA400A [†]	100X, 10X, 1X, 0.1X High-gain Differential Amplifier.	XXX
	▶ NEX-HD2HEADER	Micror Connector on a Target to 0.1" Header Pins.	XXX
	▶ 071-1844-xx	Service Manual (English only).	XXX
	▶ FPGAView-xx	FPGA Support for Altera and Xilinx	XXX
	▶ SIGXPTE	National Instruments SignalExpress™ Tektronix Edition Software (Professional)	XXX
	▶ TPA-BNC	TekVPI to TekProbe BNC Adapter.	XXX
	▶ TEK-USB-488	GPIO to USB Adapter.	XXX
	▶ 119-6827-00	CompactFlash to USB Memory Card Reader.	XXX
	▶ AC4000	Soft Transit Case.	XXX
	▶ HCTEK4321	Hard Transit Case (Requires AC4000).	XXX
▶ RM4000	Rackmount Kit.	XXX	
▶ AMT75 [†]	1 GHz, 75 Ω Adapter.	XXX	

[†] Requires TekVPI™ to TekProbe BNC adapter (TPA-BNC).