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TECHNOLOGY GROUP

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Artisan Technology Group
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Find the *Link Instruments DSO-8502* at our website: *Click HERE*

DSO-8000
USB Oscilloscope
USB Spectrum Analyzer



	DSO-8502 Buy Now	DSO-8202 Buy Now
Input		
Max Sample Rate	500MSa/s on 1 ch. 250MSa/s on 2 ch.	200MSa/s on 2 ch.
Bandwidth	100MHz	100MHz
Inputs	2 + External	2 + External
Gain Range (per division) *full scale = 10 divisions*	Probe / Voltage per division / Full scale voltage 1x / 5mV to 5V per division / 50mV to 50V 10x / 50mV to 50V per division / 500mV to 500V 100x / 500mV to 500V per division / 5V to 5000V	Probe / Voltage per division / Full scale voltage 1x / 10mV to 5V per division / 100mV to 50V 10x / 100mV to 50V per division / 1V to 500V 100x / 1V to 500V per division / 10V to 5000V
Max Input Voltage (at BNC connector)	*max input voltage at probe tip depends on probe type (1x, 10x, 100x, etc.)* Probe / Continuous / Transient (DC + AC <10KHz) BNC / ± 50V DC / ± 150V DC *1X probe:* / ± 50V DC / ± 150V DC *10X probe:* / ± 500V DC / ± 1,500V DC *100X probe:* / ± 5,000V DC / ± 15,000V DC *1000X probe:* / ± 50,000V DC / ± 150,000V DC	
Vertical Resolution	8 bits/ch.	
Vertical Range	10 divisions	
External Trigger	TTL level (1.4V) Max voltage: 5V	
Offset Range	± 5 divisions	
Coupling	AC, DC, and Ground	
Offset Resolution	0.04 division increments	

Impedance	1MΩ // 15pF	
DC Accuracy	± 2%	
A/D	Dual 8 bit	
Probes	1x/10x switchable with standard BNC connector. Two probes are included. 100x probes are available as an option	
Timebase		
Rate (single shot)	500MSa/s... 5Sa/s 2ns/sample to 5s/sample 2ns/division to 20secons/division	200MSa/s... 5Sa/s 5ns/sample to 5s/sample 5ns/division to 20secons/division
Rate (Repetitive)	20GMSa/s...1GSa/s	N/A
Accuracy	+/- 0.01%	
Resolution	2ns	5ns
Skew	< 1ns	
Memory		
Buffer Size	1 Million points/ch.(1 ch. mode) 512K points/ch.(2 ch. mode)	128K points/ch. (2 ch.mode)
Calibration		
Oscilloscope	Self calibrating	
Probe	Calibration signal provided	
Trigger		
Type	Rising Edge (Adjustable level), Falling Edge (Adjustable level), TV-H, TV-V, Pulse Width, Pulse Count, Pulse Width & Pulse Count	
External In	Yes	
External Out	Yes	
Rising Edge	Yes	
Falling Edge	Yes	
Pulse Count	Yes	
Pulse Width	Yes	
Pulse Width & Count	Yes	
TV Horizontal	Yes	
TV Vertical	Yes	
Out	Yes	

Mode	Auto, Normal, and Single
Autosetup	Yes
Slope	Rising or Falling
Level	Adjustable
Range (vertical)	10 divisions
Resolution	0.04 division increments
Software	
Windows XP/2K/Vista	Yes
Spectrum Analysis / FFT	Yes
XY Plot	Yes
Math	Yes
Advanced Math	Yes
Pass/Fail Testing	Yes
Data Logging (based on pass/fail test) (on every capture)	Yes Yes
Physical	
Interface	USB 2.0
Probes	Two 1x/10x switchable probes are included.
BNC Connectors	4 total: 2 input, Trig-in and trig-out
Calibration point	Yes
Power Requirement	5V at 750mA (Typical) Wall power or battery power (NiMH recommended)
Dimensions	7" x 3.75" x 1.5"

	DSO-8502	**DSO-8202**
DSO Kit: Oscilloscope, two 1x/10x probes, USB cable, US power supply, software	**$950** DSO-8502 Non U.S. customers add $38 for universal power supply (90-240V 50-60Hz)	**$799** DSO-8202 Non U.S. customers add $38 for universal power supply (90-240V 50-60Hz)

Description	**Price**	**Part Number**
Universal Power Supply	**$38**	DSO-8000-UNIV-PWR
Battery charger and batteries	**$35**	P-Bat-charger-4 *(includes: 4 AA NiMH batteries and charger)*
DLL Library	**$300**	DSO-8000-DLL-2K, WinXP/2000
10x/100x Differential Probe	**$345**	DSO-probe-dif-kit2 *(includes: probe, power supply, clips, carrying case)*

100x Probes *(100MHz, 2 meters)*	**$72**	DSO-probe-x100
1x/10x Probes *(100MHz, 2 meters)*	**$60**	DSO-probe-2M
1x/10x Probes *(150MHz, 1.2 meter)*	**$45**	P-PROBE-P150

Previous (Features)

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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