

Digital Storage Oscilloscope

DCS-9525

250MHz 100MS/s 2ch Digital Storage Oscilloscope

DCS-9515

150MHz 100MS/s 2ch Digital Storage Oscilloscope

DCS-9510

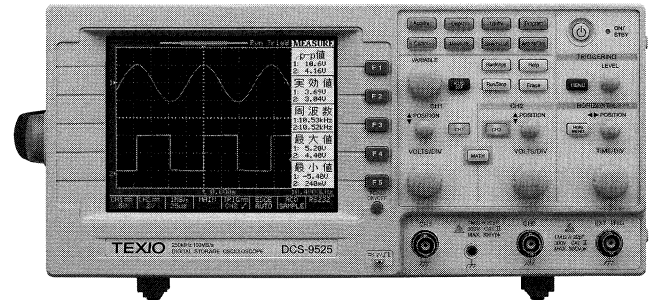
100MHz 100MS/s 2ch Digital Storage Oscilloscope

DCS-9506

60MHz 100MS/s 2ch Digital Storage Oscilloscope

- Up to 250MHz (60MHz for DCS-9506, 100MHz for DCS-9510, 150MHz for DCS-9515 and 250MHz for DCS-9525 series) repetitive bandwidth and 100MS/s sample rate per channel (25GS/s E.T. sample rate per channel).
- Up to 10ns peak detection for glitch capture.
- A large 5.7" color LCD display (color display for DCS-9506, DCS-9510, DCS-9515 and DCS-9525).
- Two input channels, each with a record length of 125k points and 8 bits vertical resolution. Both channels acquire waveforms simultaneously.
- Time base: 1ns/div~10s/div.
- 6-digit trigger frequency counter.
- Auto-setting for quick setup and hands-free operation.
- Three Acquisition modes: Sample, peak detect, and average mode.
- Cursors and 15 continuously update automatic measurements: V_{hi} , V_{lo} , V_{max} , V_{min} , V_{pp} , $V_{average}$, V_{rms} , V_{amp} , rise time, fall time, duty cycle, frequency, period, positive width, negative width.
- 15 sets memory for front panel tracing save & recall.
- 2 sets memory for waveform trace save & recall.
- 100 sets arbitrary waveforms can be input as templates for Go/No-Go function.
- FFT spectrum analysis.
- Two valuable "Program mode" and "Go-No Go" function are included.
- Advanced video and pulse width trigger.
- A large 8 x 12 divisions(menu off) waveform display graticule.
- RS-232, Centronics port, USB output and GPIB interface module are supported.
- Multi-language operating environment are supported, there are Japanese, English, tradition Chinese, simplified Chinese, French, German, Italian, Korean, Russian, Finnish, Spanish and Polish are supported for this moment.

DCS-9500 Series



	DCS-9506	DCS-9510	DCS-9515	DCS-9525
Vertical system				
Setting Range	2mV/div to 5V/div			
Accuracy	± 3% of reading ± 0.05div ± 0.8mV			
Bandwidth(-3dB)	DC to 60MHz	DC to 100MHz	DC to 150MHz	DC to 250MHz
Rise time	< 5.8ns	< 3.5ns	< 2.3ns	< 1.4ns
Input Coupling	AC, DC or Ground			
Input Impedance	1MΩ ±2% ~ 16pF	1MΩ ±2% ~ 22pF	1MΩ ±2% ~ 16pF	1MΩ ±2% ~ 16pF
Polarity	Normal & Invert			
Maximum Input Voltage	300V (DC+AC peak), Installation Category II			
Math Function	CH1-CH2, CH1+CH2, FFT			
Bandwidth Limit	20MHz (-3dB) typ.			
Trigger				
Sources	CH1, CH2, LINE, EXT.			
Modes	Auto-Level, AUTO, NORMAL, SINGLE, TV, Time-delay, Event-delay, Edge, Pulse Width			
Time Delay Range	100ns to 1.3ms			
Events Delay Range	2 to 65000			
Start Trigger Level	±12V adjustable (For USER Mode)			
Coupling	AC, DC, LFrj, HFrj, Noise rej			
Horizontal				
Range	1ns/div to 10s/div (1-2-5 increments)			
Modes	Main, Window, Window Zoom, Roll, X-Y			
Accuracy	0.01%			
Delay Range	Pre-trigger	20 div maximum		
	Post-trigger	1000 div		
Signal Acquisition System				
Sample Rate	Real-time	100MS/s maximum on each channel		
	Equivalent	25GS/s E.T. maximum on each channel		
Vertical Resolution	8 Bits			
Record Length	Max. 125k points/Channel			
Single Shot Bandwidth	10MHz			
Acquisition Mode	Samples, Peak Detect, Average			
Peak Detection	10ns (500ns/div to 10s/div)			
Average	2, 4, 8, 16, 32, 64, 128, 256			
Cursors and Measurement				
Automated Measurement	V_{pp} , V_{amp} , V_{avg} , V_{rms} , V_{hi} , V_{lo} , V_{max} , V_{min} , Freq, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle			
Cursors Measurement	ΔV , ΔT , $1/\Delta T$			
Display System				
LCD	5.7Inche, Color LCD (320 x 240)			
Display Graticule	8 x 10 divisions, 8 x 12 divisions(menu off)			
General				
Interface	Free View Connector(Factory Option)		Free View Connector(Standard)	
	RS-232(Standard), GP-IB(Factory Option)			
Power Requirements	100V to 240V AC, auto selection 47Hz to 63Hz			
Power Consumption	45 Watts, 65VA maximum, with Fan			
Overall Dimensions	310(W) x 142(H) x 254(D) mm			
Weight	~3.8 kg		~ 4.1 kg	
Environment Guaranteed Specification	20 degree ~ 30 degree 80%R.H			

Oscilloscopes

CS-5400 (100MHz with Digital Readout/Cursor) **CS-5450** (50MHz with Digital Readout/Cursor) **3-Channel Oscilloscope**

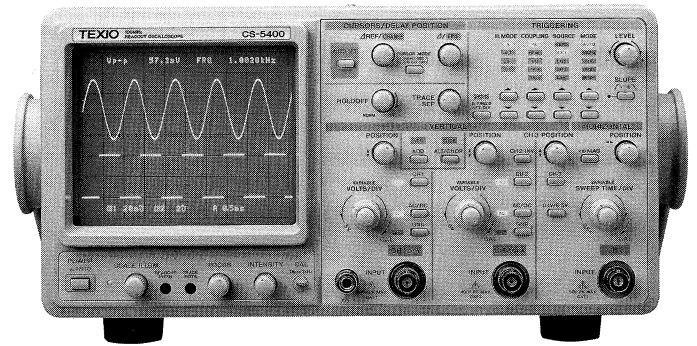
- Auto setup to H and V axis
- Auto measurement of p-p or DC voltage
- 5-digit built-in frequency counter
- 0.1V/0.5V attenuator for CH3
- 2% accuracy of V and H axis
- 1kHz 1%, 1Vp-p 0.1% calibration output
- Reliable relay attenuator
- 3-channel, 8-trace scopes for a variety of waveform displays
- High-precision measurement with cursors
- High-sensitivity design for maximum vertical axis sensitivity 1mV/div
- Auto triggering (FIX) to solve complicated triggering problems
- Delay sweep for expanded waveforms
- Three signals can be exactly synchronized in the V mode
- Video signal clamp eliminates trigger adjustments.

CS-5405 (100MHz) **CS-5455** (50MHz) **3-Channel Oscilloscope**

- 2% accuracy of V and H axis
- 0.1V/0.5V attenuator for CH3
- 1kHz 1%, 1Vp-p 0.1% calibration output
- Reliable relay attenuator
- 3-channel, 8-trace scopes for a variety of waveform displays
- High-sensitivity design for maximum vertical axis sensitivity 1mV/div
- Auto triggering (FIX) to solve complicated triggering problems
- Delay sweep for expand waveforms
- Three signals can be exactly synchronized in the V mode
- Video signal clamp eliminates trigger adjustments.

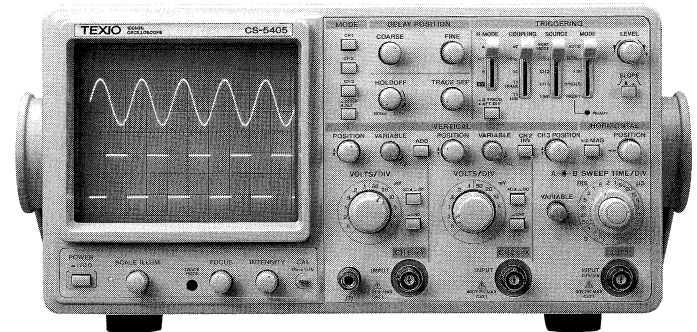
CS-5400 Series

100MHz/50MHz/1mV



CE

100MHz/50MHz/1mV



CE