

## Product specs for LeCroy 9324

### Product Description:

LeCroy 9324 Oscilloscope, Digital: 1GHz,20MSa/s,4ch (Stand alone)

The LeCroy 9324 oscilloscope is a graph-displaying device – it draws a graph of an electrical signal. In most applications, the graph shows how signals change over time: the vertical (Y) axis represents voltage and the horizontal (X) axis represents time. The intensity or brightness of the display is sometimes called the Z axis.

The LeCroy 9324 oscilloscope's simple graph can tell you many things about a signal, such as: the time and voltage values of a signal, the frequency of an oscillating signal, the “moving parts” of a circuit represented by the signal, the frequency with which a particular portion of the signal is occurring relative to, other portions, whether or not a malfunctioning component is distorting the signal, how much of a signal is direct current (DC) or alternating current (AC) and how much of the signal is noise and whether the noise is changing with time.

### Performance Characteristics of the 9324

Form Factor	Benchtop
Bandwidth	1 GHz
Number of Channels	4 ch
One ch. only max. sampling rate	20 MSa/s
Max. Record Length	5000 pt/sec
Min. Vertical Sensitivity	2 mV/div
Maximum Vertical Sensitivity	5 V/div
Rise time	350 ps
Number of Bits	8 bits
Input Impedance	5 MOhm
Input Coupling	AC,DC
Maximum Input Voltage	5 Vrms
Maximum Input#2 (for Impedance #2)	5 Vrms
Main time base - lowest	100 ps/div
Main time base - highest	200 s/div
Timebase accuracy	0.002 %

Trigger Source	External,Internal
Trigger Modes	Auto,Edge,Normal,Pattern,Pulse,Single,State
Minimum Trigger Holdoff	12.5 ns
Display Type	CRT Monochrome
Display Size	22.86 cm
Display modes	Normal,Persistence,Variable,X/Y

## Programmability/Connectivity of the 9324

User Interface	Proprietary
Test Pattern Storage	4 Patterns
Novram data storage	Yes
Data Storage Type	FDD,PCMCIA
Programming Language	GPIB

## 9324 Compliance

CE Compliance	Not on file
UL Compliance	Compliant

## 9324 Power Requirements

Input Power	Universal (Auto Sense and Switch)
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## 9324 Physical Dimensions

Width: (N/A)

Height: 210 mm(8.26 in)

Length: 410 mm(16.14 in)

Weight: 10 kg(22.04 lb)

## Options for 9324

Option	US List Price
930X-64 / N/A	\$3,500
93XX-FDGP / GRAPHIC PRINTER & FLOPPY DISK	\$1,190
93XX-MC01/04 / MEMORY CARD READER	\$500
93XX-PRML / ANALYSIS PACKAGE	\$1,250
WP02 / FFT Processing	\$1,250
WP03 / Parameter Analysis Package	\$1,250
WPO1 / ADVANCED MATH OPTION	\$1,250

## 9324 Standard Accessories

9304AM-SM /N/A /Qty:1

9320-SM /N/A /Qty:1

9324-SM /SERVICE MANUAL /Qty:1

93XX-GPR10 /GRAPHIC PRINTER PAPER/10 ROLLS /Qty:1

93XX-MC04 /512k MEMORY CARD FOR 9300 SERIES /Qty:1

93XX-RM01 /RACKMOUNT /Qty:1

DC/GPIB /2 METER GPIB CABLE(IEEE488) /Qty:1

IP-2 /INSTAPULSER /Qty:1