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)

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