

Product specs for LeCroy 9304A

Product Description:

LeCroy 9304A Oscilloscope, Digital: 200MHz,100MSa/s,4ch (Stand alone)

The LeCroy 9304A 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 9304A 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 9304A

Form Factor	Benchtop
Bandwidth	200 MHz
Number of Channels	4 ch
Simultaneous Channels	4 ch
One ch. only max. sampling rate	100 MSa/s
Max. Record Length	50 pt/sec
Min. Vertical Sensitivity	2 mV/div
Maximum Vertical Sensitivity	5 V/div
Rise time	2 ns
Number of Bits	8 bits
Input Impedance	1 MOhm
Input Impedance (alternate)	50 Ohm
Input Coupling	AC,DC,GND
Maximum Input Voltage	250 Vrms
Maximum Input#2 (for Impedance #2)	5 Vrms
Main time base - lowest	1 ns/div
Main time base - highest	1000 s/div
Timebase accuracy	.002 %
Trigger Source	External,Internal
Trigger Modes	Auto,Edge,Normal,Single,State,Stop,Width
Trigger Sensitivity	0.5 mV
Minimum Glitch Trigger	2.5 ns
Display Type	CRT Monochrome
Display Size	22.86 cm
Display modes	Infinite,Normal,Variable,X/Y

Programmability/Connectivity of the 9304A

User Interface	Proprietary
Test Pattern Storage	4 Patterns
Novram data storage	Yes
Programming Language	GPIOB

9304A Compliance

CE Compliance	Not on file
UL Compliance	Compliant

9304A Power Requirements

Input PowerUniversal (Auto Sense and Switch)

9304A Physical Dimensions

- Width: (N/A)
- Height: 210 mm(8.26 in)
- Length: 410 mm(16.14 in)
- Weight: 12.5 kg(27.55 lb)