

Product specs for LeCroy LC334AL



Product Description:

LeCroy LC334AL Oscilloscope, Digital: 500MHz,2GSa/s,4ch (Stand alone)

The LeCroy LC334AL 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 LC334AL 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 LC334AL

Form Factor	Benchtop
Bandwidth	500 MHz
Number of Channels	4 ch
Simultaneous Channels	4 ch
Simultaneous Maximum Sampling Rate/ch	2 GSa/s
One ch. only max. sampling rate	2 GSa/s
Max. Record Length	8000000 pt/sec
Min. Vertical Sensitivity	2 mV/div
Maximum Vertical Sensitivity	5 V/div
Rise time	700 ps
Number of Bits	8 bits
Input Impedance	10 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	.001 %
Trigger Source	External,Internal
Trigger Modes	Auto,Edge,Normal,Pattern,Single,State,Stop
Minimum Trigger Holdoff	10 ns
Trigger Sensitivity	5 mV
Minimum Glitch Trigger	2 ns
Display Type	Color CRT
Display Size	22.86 cm
Display modes	Auto,Normal,Single,Stop

Programmability/Connectivity of the LC334AL

User Interface	Proprietary
Ports to Peripheral Devices	GPIB,RS232C
Test Pattern Storage	4 Patterns
Novram data storage	Yes
Data Storage Type	FDD

LC334AL Life Cycle Data

Start Date Jan-01-1998

LC334AL Compliance

CE Compliance Compliant

UL Compliance Compliant

LC334AL Power Requirements

Input Power Universal (Auto Sense and Switch)

LC334AL Physical Dimensions

- Width: 397 mm(15.62 in)
- Height: 264 mm(10.39 in)
- Length: 453 mm(17.83 in)
- Weight: 20 kg(44.09 lb)

Options for LC334AL

Option

64MBSM / 64MB System Memory

DA01-110 / PC Card External Desktop Adapt

HD01 / PC Card Slot for Hard Drives and ATA Flash Cards

HD02 / PC Card Hard Disk (520 Mbytes)

MC01/04 / Memory Card Reader and 512k SRAM Card

LC334AL Standard Accessories

- LC334-SM /SERVICE MANUAL /Qty:1
- LCXXX-RCM /REMOTE CONTROL MANUAL /Qty:1
- PP002 /10:1 10 MOhm Passive Probes /Qty:2
- LCXXX-RMA /RACKMOUNT /Qty:1