

Leader LS1020 Oscilloscope, Analog: 20MHz,2ch (Stand alone)

The Leader LS1020 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 Leader LS1020 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 LS1020

Form Factor Benchtop

Bandwidth 20 MHz

Rise time 17.5 ns

Number of Channels 2 ch

Min. Vertical Sensitivity 5 mV/div

Maximum Vertical Sensitivity 5 V/div

Vertical(or Deflection Factor) Accuracy 3 %

Input Coupling AC,DC,GND

Input Impedance 1 MOhm

Maximum Input Voltage 400 V(dc+p

Main time base - lowest 100 ms/div

Main time base - highest 0.2 s/div

Time base Magnification factor (X?) x10

Timebase accuracy 3 %

Trigger Source External,Internal

Trigger Sensitivity 1.5 mV

Display Type Color CRT

Display Size 12.8 cm

Programmability/Connectivity of the LS1020

User Interface Proprietary

LS1020 Compliance

CE Compliance Not on file

UL Compliance Not compliant

LS1020 Power Requirements

Input Power Universal (Auto Sense and Switch)

LS1020 Physical Dimensions

Width: 12.2 in(.48 in)

Height: 5.91 in(.23 in)

Length: 14.76 in(.58 in)

Weight: 18.74 lbs(41.31 lb)

LS1020 Standard Accessories

LP-051 /X1 / X10 Probe /Qty:2