

## Product Description:

Tektronix 222A Oscilloscope, Digital: 10MHz,2ch (Stand alone)

The Tektronix 222A 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 Tektronix 222A 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.

Save Reference Memory  
Acquisition Modes  
Front Panel Save/Rec  
Baud Rate 9600  
10 Ms/S Dual Digitiz  
100ns Glitch  
Battery Operation  
Portable

## Performance Characteristics of the 222A

Form Factor	Benchtop
Bandwidth	10 MHz
Number of Channels	2 ch
Max. Single Shot bandwidth	1 MHz
Max. Record Length	512 pt/sec
Min. Vertical Sensitivity	5 mV/div
Maximum Vertical Sensitivity	50 V/div
Rise time	35 ns
Number of Bits	8 bits
Input Impedance	1 MOhm
Maximum Input Voltage	400 Vrms
Main time base - lowest	50 ns/div
Main time base - highest	20 s/div
Timebase accuracy	2 %
Trigger Source	External,Internal
Trigger Sensitivity	0.5 mV

## Programmability/Connectivity of the 222A

User Interface	Proprietary
Ports to Peripheral Devices	RS232

## 222A AppNotes

[The XYZ's of Oscilloscopes](#)

## 222A Life Cycle Data

Out of Production	Nov-01-2000
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## 222A Compliance

CE Compliance	Not on file
UL Compliance	Not compliant

## 222A Power Requirements

Input Power	USA (110V/60Hz)
Battery Life	3 hrs

## 222A Physical Dimensions

[Width: 159 mm\(6.25 in\)](#)

[Height: 86 mm\(3.38 in\)](#)

[Length: 252 mm\(9.92 in\)](#)

[Weight: 2 kg\(4.4 lb\)](#)