

HP/Agilent 54825N Infiniium Oscilloscope - 2 GSa/s 4

The Agilent 54825N 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 Agilent 54825N 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.

- 500 MHz 4 channel digital oscilloscope
- 2 GSa/s acquisition
- 500ps/div sweep speed
- Simple, analog-like front panel
- Graphical user interface
- Guided high-performance measurements
- Drag and drop waveform measurement
- 24 stored waveform measurements and procedures
- High resolution color display

Frequency Range/ Bandwidth: 500 MHz

Max. Vertical Sensitivity: 5 V/div

Number of Channels: 4 Ch

Other Features: 1 mV/div

Record Length: "32,768 pts"

Sample Rate: 2 GS/s

Type (D/A): Digital