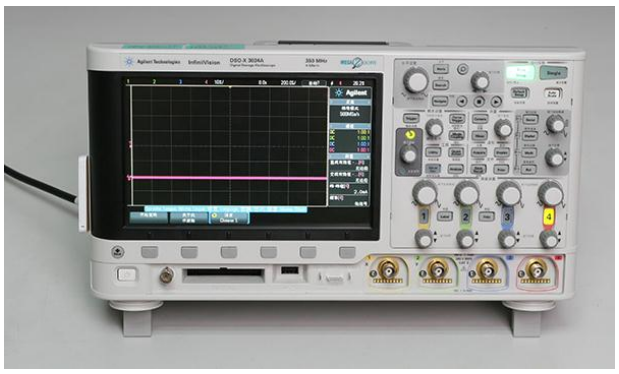
Digital Storage Oscilloscopes

The oscilloscope is a widely used electronic measuring instruments. It is easier for people to study a variety of electrical phenomena by converting invisible electrical signal into a visible image through it.



❖ Instrument parameters

Device name	DSO-X 3034 A
Sample rate	4 G Sa/s
Bandwidth	350 MHz
Maximum input voltage	400 V
Update rate	1000000 wfms/s
Input coupling	AC, DC, Ground
Memory	2 Mpts
Channels	4

❖ Measurement method

Vertical amplifier will make further adjustments when attenuator adjusts the waveform. Then the waveform passes to an analog/digital converter (ADC), the received signal will be sampling and digital conversion by ADC. Then the data is stored in the memory. Triggers will look for a trigger event, while the base adjusts the scope of the time display. When the microprocessor system

according to your specifications for signal post-processing, the signal will be displayed on an oscilloscope.

❖ Test items

Testing power, voltage, current, frequency, phase, and amplitude modulation and so on by analyzing time-domain of electric signal.

❖ Test object

Active products and passive products such as inductors, beads, varistors, thermistor and LTCC products.