



## AS101 Oscilloscope

The best choice to replace an analogue oscilloscope

- + The simple control panel is similar to an analogue oscilloscope
- + Bandwidth : 10MHz , Sample rate : 100MS/s
- + 1-Channel
- + 130,000 wfms/s waveform capture rate, easily capturing exceptional and low probability events
- + 3.7" Colored LCD
- + Compact case

### + Performance Specifications

Model		AS101
Bandwidth		DC:0~10MHz, AC: 10 Hz~10MHz
Channel		1
Horizontal system	Sample Rate	100MS/s
	Interpolation	(Sinx)/x
	Scanning speed (S/DIV)	0.05us/DIV ~ 0.1s/DIV,step by 1 – 2 - 5
	relay time accuracy	±100 ppm
	Trimming Ratio	≧ 2.5:1
Vertical system	Sensitivity	5 mV/DIV~10 V/DIV
	Displacement	±10DIV
	Analog bandwidth	10 MHz
	Low Frequency	≥10 Hz (at input, AC coupling, -3 dB)
	Rise time (at input, Typical)	≤ 30 ns
	Trimming Ratio	≧ 2.5:1
Input coupling		DC, AC, Ground
Input impedance		1 MΩ±2%, in parallel with 20 pF±5 pF
Max. input voltage		400V (DC+AC, PK - PK)
<b>X-Y Model</b>		
Sensitivity		X:0.5V/DIV Y:0.1V/DIV ~ 1V/DIV
Bandwidth(-3dB)		DC: 0 ~ 1MHz AC: 10Hz ~ 1MHz
<b>Trigger</b>		
Trigger level range		±4 DIV from the screen center
Trigger level Accuracy (typical)		±0.3 DIV
Trigger Sources		Int, Line, Ext

Trigger Mode	Norm, AUTO, TV
Edge trigger	Rising, Falling
Video Trigger	Support standard NTSC, PAL and SECAM broadcast systems
Sample Rate / Relay Time	±100ppm
Trigger lock	support
Ext. Trigger Input Impedance	1 MΩ±2%, in parallel with 20 pF±5 pF
Ext. Trigger Max. Input Voltage	400Vpp

### Trigger Output of the probe compensator

Output Voltage (Typical)	Square, 0.5Vpp±2%
Frequency (Typical)	Square wave of 1 kHz(±1%)
Display	3.7" Colored LCD (Liquid Crystal Display)
Power Supply	100V - 240V AC, 50/60Hz, CAT II
Power Consumption	< 15W
Fuse	1A, T class, 250V
Dimension (W x H x D)	117 x 192 x 288 mm
Device Weight	About 1.8 kg

Specifications subject to change without prior notice.

### + Application

electronic circuit debugging  
education and training

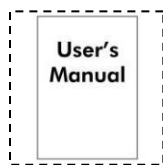
circuit testing      design and manufacture  
automobile maintenance and testing

### + Accessories

The accessories subject to final delivery.



Power Cord



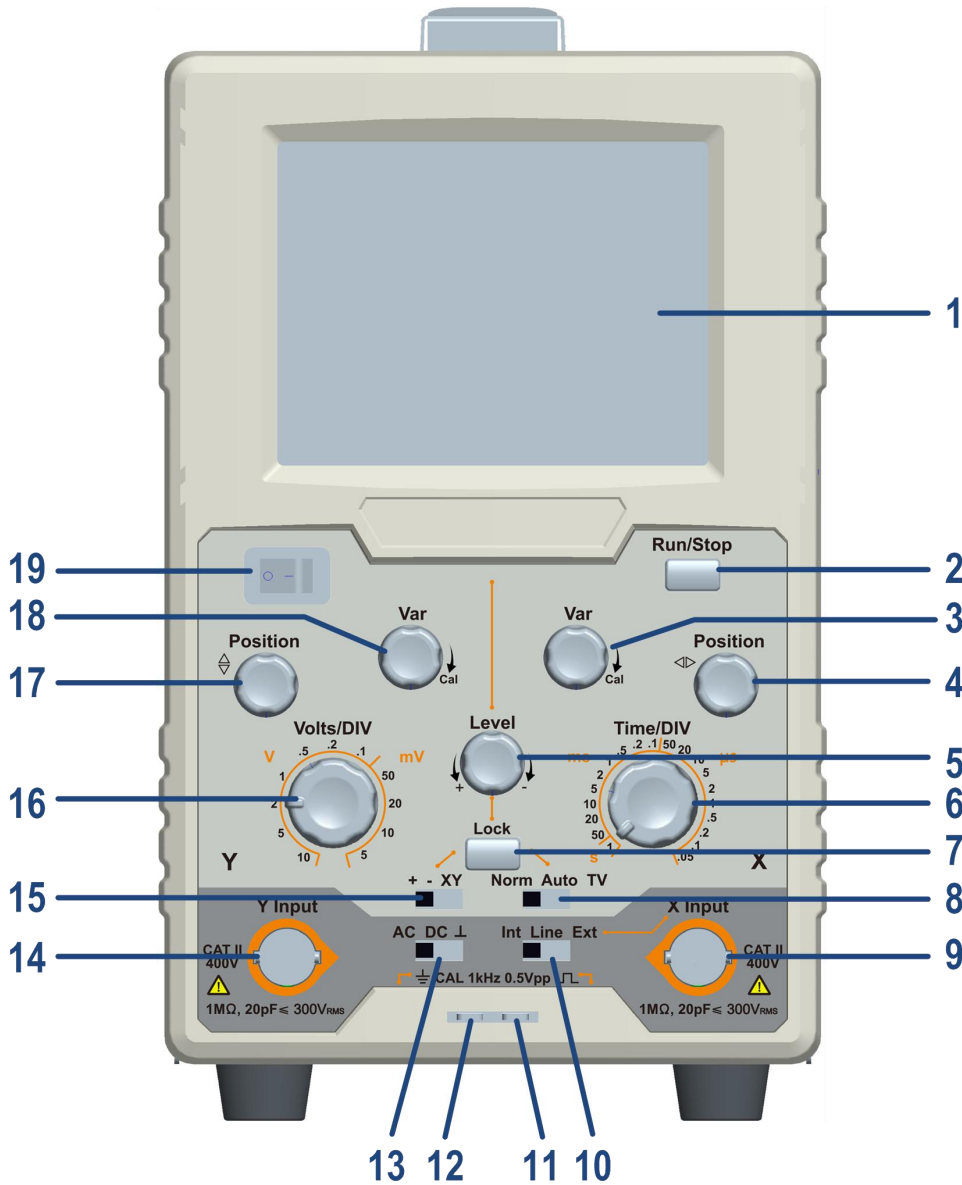
Manual



Probe



Probe Adjust



2. 运行、停止键用来做什么？

旋钮 3 做什么用？

旋钮 5 调整触发电平？可触发电平符号在哪里？屏幕上没有

锁定触发按键：当按下锁定按钮时，无论信号幅度如何，触发电平都自动保持在最佳值。

自动/一般/视频 三种触发模式选择

外部触发/X 轴输入（李沙瑜实验）

触发源选择：内部/交流源/外部源

耦合模式选择：直流/交流/接地