

# Oscilloscope

## - AS Series



- The best choice to replace an analogue oscilloscope
- + The simple control panel is similar to an analogue oscilloscope
- + Bandwidth : 10MHz(AS101), 20MHz(AS201)
- + Sample rate : 100MS/s
- +130,000 wfms/s waveform capture rate, easily capturing exceptional and low probability events
- + 3.7" Colored LCD
- + Compact case

Model		AS101	AS201
Bandwidth		DC:0 - 10MHz, AC: 10 Hz - 10MHz	DC:0 - 20MHz, AC: 10 Hz - 20MHz
Channel		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)	
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	
	Low Frequency	≥10 Hz (at input, AC coupling, -3 dB)	
	Rise time (at input, Typical)	≤ 30 ns	
	Trimming Ratio	≥2.5:1	
X-Y Model	Sensitivity	X:0.5V/DIV Y:0.1V/DIV - 1V/DIV	
	Bandwidth(-3dB)	DC: 0 - 1MHz AC: 10Hz - 1MHz	
Trigger	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	Approx. 1.8 kg	

Specifications subject to change without prior notice.

### + Accessories

The accessories subject to final delivery.



Power Cord



Quick Guide



Probe



Probe Adjust