



AS Series - - Features and Benefits

- 3.7 inch color LCD display
- Simple Oscilloscope with single channel
- 20MHz bandwidth with 100MS/s sample rate
- 0.05us/DIV~0.1s/DIV scanning speed
- 130,000 wfms/s waveform capture rate



Main Specifications	Model	AS101	AS201
	Bandwidth	DC:0~10MHz ; AC: 10Hz~10MHz	
Channel	Single		
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	≥10Hz (at input, AC coupling, -3 dB)	
	Rise Time	≤ 30ns (at input, Typical)	
	Trimming Ratio	≧ 2.5:1	
	Input Coupling	DC,AC,Ground	
	Input Impedance	1MΩ±2%, in parallel with 20 pF±5 pF	
Max. input voltage	400V (DC+AC, PK - PK)		
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 inch Colored LCD		
Power Supply	100V - 240V AC, 50/60Hz, CAT II		
Dimension (W x H x D)	117 x 192 x 288 mm		
Device Weight	About 1.8 kg		