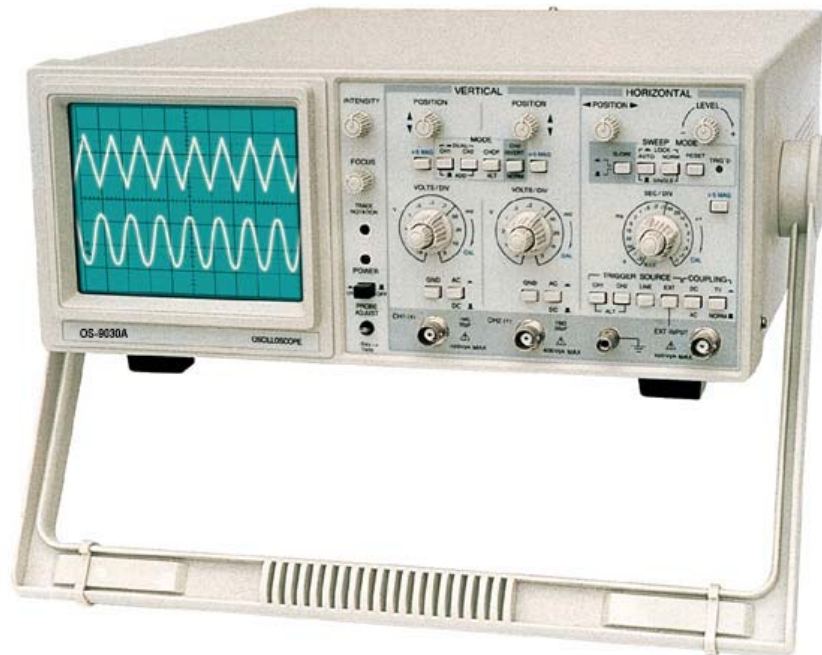


# Analog Oscilloscope

OS-9030A(30MHz, 2CH)



## ■ FEATURE

- 2 Channel, Dual Trace
- Sensitivity (Y1/Y2) : 5mV/div to 10V/div, 1-2-5 11 steps
- High sensitivity up to 1mV (After expand)
- Auto triggered sweep in full range in sweep time
- Flexible trigger source select
- Alternate trigger function
- Trigger signal output
- Sweep rate : 0.1uS/div to 0.2s/div
- Max. input : 400V(DC+ACp-p)

## ■ Technical Specification

Specifications		OS-9030A
Vertical System	Mode	Y1, Y2, ALT, CHOP, ADD, X-Y
	Sensitivity(Y1/Y2)	5mV/div – 10V/div 1-2-5 11steps, ±5%
	MAG.. Ratio	×5±10%
	Bandwidth	AC : 10Hz ~ 30MHz (- 3dB) DC : 0 ~ 30MHz (-3dB)
	Rise Time	≤12nS
	Overshot	≤5%
	Damp	≤5%
	Coupling	AC-GND-DC
	Impedance	1±5%MΩ // 30pf (directly) 10±5%MΩ // 23pf (via probe)
	Max. Input	400V(DC+Acp-p)
	Polarity Inverter	Y2 only
Trigger System	Trigger Source	Y1, Y2, ALT, LINE, External
	Coupling	AC / DC (External) normal / TV
	Slope	+, -
	Sync. Frequency Range	AUTO mode : 50Hz ~ 30MHz
	Trigger Sensitivity	TRIG. : 5Hz ~ 30MHz (INT. : 1div, EXT. 0.2Vp-p) Trig. Lock : 20Hz ~10Mhz (INT : 2div)
	Impedance (Ext. Trig.)	1 MΩ±5% // ≤ 30pF
Horizontal System	Sweep Mode	Auto, Trig, Trig lock, Single time
	Sweep Rate	0.1uS / div ~ 0.2S/ div Steps(1-2-5)±5%
	MAG. Ratio	×5+10%
X-Y Mode	Input	X axis : Y1, Y axis : Y2
	Deflection	Same as Y1
	Bandwidth	AC : 10Hz~1MHz (- 3dB) DC :: 0~1MH (-3dB)
	Impedance	Same as Y1
	Max. Input Voltage	Same as Y1
	X-Y Phase Error	≤ 3° (DC ~ 50KHz)
Z-Axis System	Minimum Input Voltage	TTL level
	Maximum Input Voltage	50V (DC+AC p-p)
	Impedance	10 kΩ
	Input Effect	Low level to intensification
	Frequency Range	DC ~ 5MHz
Calibration	Waveform	Rectangle
	Amplitude	0.5 Vp-p±2%
	Frequency Range	1KHz±2%
CRT	Persistence	Medium
	Valid Area	8cm×10cm (1cm=1div)
General	Power Supply	220V±10% / 50hz±5%
	Power Consumption	Approx. 35VA
	NET .Weight	Approx. 7.2Kg
	Dimension(W×H×D)	320×130×400mm