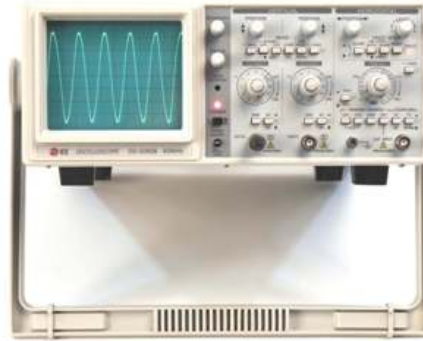




ANALOG OSCILLOSCOPE

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OS-5040B

FEATURES

- OS-5040B: 40MHz 2channel dual trace
- 6" Rectangular CRT with internal graticule
- Sensitivity 1mV/div
- TV sync. separator circuit for stable TV signal observation
- Sweep magnification (x 10)
- ALT triggering function
- CH2 Polarity inversion switch
- 400V maximum input voltage
- High sensitivity X-Y mode

SPEC	MODEL	OS-5040B
CRT	Configuration and Useful Screen	6-inch rectangular screen with internal graticule: 8 x 10Div (Div=cm) Marking for measurement of rise time, 2mm subdivision along the central axis
	Accelerating potential	+1.9KV approx (ref. cathode)
	Phosphor	P31
	Focusing	Possible
	Trace Rotation	Provided
Z-AXIS INPUT (INTENSITY MODULATION)	Intensity Control	Provided
	Input Signal	TTL Level
	Bandwidth	DC to 5MHz (-3dB)
	Coupling	DC
	Input Impedance	10KΩ typical
VERTICAL DEFLECTION	Max. Input Voltage	50V (DC + peak AC)
	Bandwidth (-3dB)	DC ~ 40MHz (DC coupled)
	Bandwidth (-3dB)	10Hz ~ 40MHz (AC coupled)
	Mode	CH1, CH2, DUAL (ALT, CHOP), ADD, X-Y
	Deflection Factor	5mV/div ~ 20V/div in 12 calibrated step of 1-2-5 sequence.
HORIZONTAL DEFLECTION	Accuracy	Continuously variable between steps. Normal: ±3%, Magnified: ±3%
	Input Impedance	1±5%MQ in parallel with ≤30pF (direct) 10±5%MQ in parallel with ≤23pF (by probe)
	Max Input Voltage	400V (DC + AC peak)
	Input Coupling	AC-GND-DC
	Rise Time	8.8ns or less
	Polarity Inversion	CH2 only
	Display Mode	Normal, X-Y, x 10, Variable
	Time Base	0.1µs/Div ~ 0.2s/Div in 20 calibrated steps of 1-2-5 sequence
	Accuracy	≤ ±3%, additional error for magnification±5%
	Sweep Magnification	10 times (Max sweep rate: 0.1µs/Div)
TRIGGER SYSTEM	Mode	AUTO, NORMAL, TV'0V, TV-H
	Source	CH, CH2, ALT, LINE, EXT
	Coupling	AC, DC, EXT, Normal, TV-H, TV-V
	Stop	+ or -
	Sensitivity and Frequency	50Hz ~ 20MHz
X-Y OPERATION	AUTO, NORM	1Div
	TV-V, TV-H	0.2Vp-p
	External Trigger Input Impedance	At least 2Div or 0.3Vp-p
	Max. Input Voltage	1MD±5% in parallel with 30pF
	Deflection Factor	400V (DC+AC peak)
CALIBRATION	Bandwidth	Same as Vertical deflection for both, X-axis(CH1) and Y-axis(CH2)
	X-Y Phase Difference	DC: 0 ~ 1MHz (-3dB) AC: 10Hz ~ 1MHz (-3dB)
	Waveform	3° or less (at DC to 50KHz)
POWER SUPPLY	Amplitude	Square waveform
	Frequency	0.5Vp-p±2%
	Power	1KHz±2%
PHYSICAL CHARACTERISTICS	Power	110V±10%, 230V±10%
	Frequency	50/60Hz
	Power consumption	Approx.35W
OTHER	Weight	Approx. 7.2Kg
	Size	320mm×130mm×400mm
	Accessory supplied	Manual x 1, Power code x, Spare Fuse x 1



Designed by 광주홈페이지닷컴