



30 MHz
OSCILLOSCOPE
MODEL : SS - 5030 B

Dual Channel

ALT Triggering Function & x 10 Sweep Mag.

Economical, Reliable & High Quality



SPECIFICATIONS

CRT			
Type	6" rectangular with internal graticule 8 x 10 Div. (1Div. = 1 cm.).		
Accelerating voltage	2 KV		
Illumination	Front panel control		
Z-axis input	Z in : $\approx 47 \text{ K}\Omega$, V in : $\geq 5 \text{ V p-p}$, B.W.: DC ~ 2 MHz		
VERTICAL SYSTEM			
Sensitivity	5 mV ~ 5 V / Div. ($\pm 3\%$)		
Bandwidth	DC (AC 10Hz) ~ 30 MHz (-3dB)		
Rise Time	$\leq 17.5 \text{ nS}$		
Max. Input Voltage	400 V (DC + AC p-p)		
Input Coupling	AC, DC, GND		
Input Impedance	$\approx 1 \text{ M}\Omega // 25 \text{ pF}$		
Vertical Mode	CH1, CH2, DUAL (ALT/CHOP) ADD, CH2 INV		
HORIZONTAL SYSTEM			
Sweep time	0.2 μS ~ 0.5 S / Div. ($\pm 3\%$) , x10 Mag.: 20 nS ~ 50 mS / Div. ($\pm 5\%$)		
Sweep time accuracy	$\pm 3\%$ ($\pm 5\%$ in x10 Mag.) (20 nS ~ 50 nS / Div. uncalibrated)		
Sweep magnification	10 times. Max sweep time = 20 nS / Div.		
Linearity	$\pm 5\%$ ($\pm 10\%$ in x10 Mag.)		
TRIGGER			
Trigger Modes	AUTO, NORM, TV-V, TV-H.		
Trigger Source	CH1, CH2, ALT, LINE, EXT		
Trigger Coupling & Slope	AC, "+" or "-"		
Trigger sensitivity		20 Hz ~ 2 MHz	2 MHz ~ 30 MHz
	CH1,CH2	0.5 Div.	1.5 Div.
	ALT.	2.0 Div.	3.0 Div.
	EXT.	200 mV	800 mV
	TV sync pulse $> 1 \text{ Div.}$ or 1V (EXT.)		
External trigger input	Max. I/P = 400 V (DC + AC peak) at 1KHz. I/P Imp. : $1 \text{ M}\Omega \pm 3\%$, 25pF $\pm 5\text{pF}$		
X-Y OPERATION			
Sensitivity	5 mV ~ 5 V / Div. ($\pm 4\%$). Phase Error : $\leq 3^\circ$ (DC ~ 50 KHz)		
X-axis bandwidth	DC ~ 500 KHz		
CALIBRATOR OUTPUT	1 KHz square wave, 2 V p-p ($\pm 2\%$)		
POWER SOURCE	AC 220 V $\pm 10\%$, 50Hz, $\approx 35 \text{ W}$		
ACCESSORIES	Operating manual & Mains cord. Optional : Oscilloscope Probes (x1 / x10).		
DIMENSION & WEIGHT	310 (W) x 150 (H) x 455 (D) mm. Approx. 8 Kg.		

ALSO AVAILABLE ; Model : SS-5030 BC - With Component Test Facility.
Models : SS-5020 B & SS-5020 BC - Similar Models in 20 MHz.

** All Specifications & appearances are subject to change without prior notice.*