



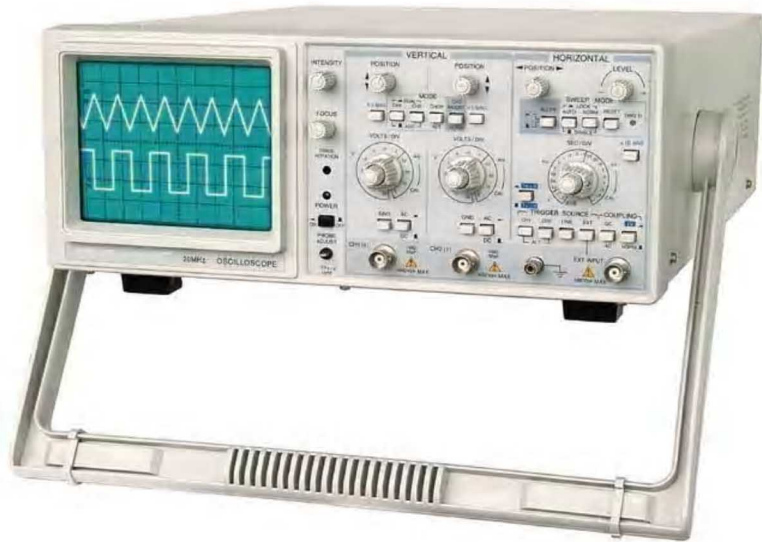
20 MHz OSCILLOSCOPE, Model : SS - 5020 D1

HIGH SENSITIVITY
(1mV/Div. using x5
Mag.) AND Max., Input
of 10 V / Div. IN BOTH
THE CHANNELS.

'ALT TRIGGERING'
Function for STABLE
VIEWING OF SIGNALS
OF BOTH CHANNELS

**'TRIGGER LEVEL
LOCK' AND 'SINGLE
SWEEP' MODES**

X5 SWEEP MAG.



SPECIFICATIONS

CRT		
Type	6-inch rectangular with internal graticule 8 x 10 Div. (1Div. = 1 cm.)	
Controls	Front panel control of Focus, Intensity & Trace Rotation	
VERTICAL SYSTEM		
Bandwidth	DC (AC : 10 Hz) ~ 20 MHz (-3 dB)	
Sensitivity	5 mV ~ 10 V / Div. ($\pm 5\%$) {1 mV ~ 2 V / Div. In x5 Mag. ($\pm 10\%$)} in 11 Steps	
Rise Time	< 18 nS (≤ 70 nS in x5 Mag.)	
Vertical Magnification	x5 Magnification provided in BOTH THE CHANNELS (Upto 5 MHz)	
Vertical Mode	CH1, CH2, ALT, CHOP & X-Y. CH2 INV. Provided.	
Max. Input Voltage	400 V (DC + AC p-p). Input Impedance : $\approx 1\text{ M}\Omega // \leq 30\text{ pF}$	
Input Coupling	AC, DC, GND	
HORIZONTAL SYSTEM		
Sweep time	0.1 μS ~ 0.2 S / Div. ($\pm 5\%$) in 20 Steps	
Sweep Magnification	X5 Magnification Provided {20 nS ~ 10 mS /Div. ($< \pm 10\%$)}	
TRIGGER		
Trigger Modes	AUTO, NORM, LOCK, SINGLE.	
Trigger Source	CH.1, CH.2, ALT, LINE, EXT	
Trigger Coupling & Slope	AC / DC, NORM / TV-V, TV-H & "+" or "-"	
Trigger sensitivity	INT. = 1 Div. & EXT. = 0.2 V p-p	
	TRIG. LOCK	INT. : 2 Div. (20 Hz ~ 10 MHz)
	TV sync pulse	2 Div. (INT.) or 0.3 V p-p (EXT.)
External trigger input	Max. input voltage : 400 V (DC + AC p-p). I/P Impedance : $1\text{ M}\Omega (\pm 5\%) // \leq 30\text{ pF}$	
X-Y OPERATION		
Input Characteristics	Same as CH.1	
X-axis bandwidth	DC (AC : 10 Hz) ~ 1 MHz (-3 dB)	
Phase Error	$\leq 3^\circ$ (DC ~ 50 KHz)	
CALIBRATOR OUTPUT	Square Wave, 1 KHz ($\pm 2\%$) {0.5 V p-p ($\pm 2\%$)}	
POWER SOURCE	230 V AC ($\pm 10\%$), 50 Hz ($\pm 5\%$), $\approx 35\text{ VA}$	
ACCESSORIES	Operating manual & Mains cord. Optional : Oscilloscope Probes (x1 / x10)	
DIMENSION & WEIGHT	320 (W) x 130 (H) x 400 (D) mm. Approx. 7 Kg.	

ALSO AVAILABLE ; Model : SS-5020 DC - With Component Test Facility.
Models : SS-5030 D & SS-5030 DC - Similar Models in 30 MHz.

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

* * *