



Specifications:

Vertical Axis			
CH1 and CH2 sensitivity	5mV/DIV to 5V/DIV 1-2-5 step, 10 calibrated steps (1mV/DIV to 1V/DIV at×5 MAG)		
Accuracy	×1:±5%, ×5:±8% (Vertical knob is set to CAL position)		
Variable vertical sensitivity	Be less than 1/2.5 times indicated sensitivity value		
Frequency band width×5MAG	DC:DC to 100MHz AC:10Hz to 100MHz -3dB DC:DC to 15MHz AC:10Hz to 15MHz -3dB		
20MHz Bandwidth	DC:DC to 20MHz AC:10Hz to 20MHz -3dB		
Rise time	Approximately 3.5ns Approximately 23ns by ×5MAG Approximately 17.5ns with the bandwidth of 20MHz		
Input impedance	1MΩ±2%, 25 pF±3pF		
Maximum input voltage	400V (DC+AC peak) 1kHz		
Input coupling system	AC-GND-DC		
Operating systems	CH1, CH2, ADD, DUAL(CHOP?ALT)		
Invert	Only CH2 signal is inverted		
Overshoot	Max 8%		
Triggering			
Trigger mode	AUTO, NORM, TV-V,TV-H		
Trigger signal source	INT, CH2, LINE, EXT		
Polarity	+, -		
Coupling system	AC coupling		
Sensitivity	Frequency	INTEXT	EXT
	DC-10MHz	0.48 div	200mV
	10MHz-100MHz	2 div	500mV
TVSynchronization	INT Min 2 div EXT Max 1 Vp-p		
EXT trigger input			
Input Impedance	About 1MΩ 25pF		
Max Input Voltage	400V(DC+ACpeak) 1kHz		
Z-axis			
Input Impedance	About 40kΩ		
Max Input Voltage	30V(DC+ACpeak)		
Bandwidth	DC-2MHz		
Input signal	±5V (Negative intensity)		

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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IT-2013, Ramchandrapura Industrial Area,
 Sitapura Extension, Jaipur-302022, India.



info@tesca.in
 www.tescaglobal.com



Order Code – 22235527.75
 100MHz Dual Channel Four Trace Cathode
 Ray Oscilloscope with 1:1 and 10:1 Probes

Time axis			
Sweep mode	A, B, B TRIG'D, X-Y, ALT		
Sweep time	A: 0.05µs to 0.2s/DIV±5%, in 21 calibrated steps(1-2-5 seq)B: 0.05µs to 10s/DIV±5%, in 8 calibrated steps(1-2-5 seq)		
Sweep expansion	×10 MAG: ±8% (0.1, 0.05µs/DIV: Non-Cal)		
Sweep Rate Varb	Less than 1/2.5		
Delay System	Continuous delay or Triggering delay		
Delay Time	0.2µs-2s		
Hold-off	Continuous change for 2 times		
X-Y operation			
Operating mode	CH1 X-axis and CH2 Y-axis When in X-Y operation mode		
Sensitivity	As vertical axis		
X-axis band width	DC-2MHz		
Phase difference	≤ 3° (DC-100kHz)		
CAL voltage			
Frequency	About 1kHz		
Waveform	Square wave		
Output level	0.5V (±3%)		
Duty	≤ 48: 52 (min)		
CRT			
Type	6 inch square internal scale		
Acceleration voltage	About 12kV		
Effective screen	8div (vertical direction)×10div (horizontal direction)		
Power supply			
Voltage	Range	Fuse	Voltage
	198V-242V	1A/250V	220V
Frequency	99V-121V	2A/250V	110V
	50Hz-60Hz		
Power consumption	55W		
Environmental conditions			
Operating temperature	0°C to 40°C		
Operating humidity	35% to 85%		
Guaranteed operating temperature	10°C to 35°C		
Guaranteed operating humidity	45% to 80%		
Guaranteed maintained temperature	-20°C to 70°C		
Guaranteed maintained humidity	35% to 85% (Less than 70% at temperature exceeding 50°C)		

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