

COLLEGE OF ENGINEERING KIDANGOOR

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No:CED/D/1508/2019

25/09/2019

QUOTATION NOTICE

Competitive quotations are invited from qualified firm for the Purchase of One number of Cathode Ray for Microprocessor lab in Computer Science Dept. at College of Engineering Kidangoor. Specification is attached herewith.

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The last date and time for receiving quotations: 03/10/19, 12.00 PMOON Date and time for opening quotations: 03/10/19, 01.00 PM

For details contact :www.ce-kgr.org

The rates of Govt. Quotations are applicable for this quotations also . The decision taken in the matter by the undersigned will be final.

PRINCIPAL

CRO SPECIFICATIONS

Type	6" rectangular with internal		
Accelerating voltage	6" rectangular with internal graticule 8 x 10 Div. (1Div. = 1 cm.).		
VERTICAL SYSTEM	ZIV		
Sensitivity	5 mV ~ 5 V / Div. (± 3%)		
Bandwidth	DC (AC 10Hz) ~ 30 MHz (-3dB)		
Rise Time	≤ 17.5 nS		
Max. Input Voltage	400 V (DC + AC p-p)		
Input Coupling	AC, DC, GND		
Input Impedance	≈ 1 MΩ // 25 pF		
Vertical Mode	CH1, CH2, DUAL (ALT/CHOP) ADD, CH2 INV		
HORIZONTAL SYSTEM	CHT, CH2, DUAL (ALT/CHOP)	ADD, CH2 INV	
Sweep time	03.05 - 0.5 0 / D: / 200		
Sweep time accuracy	0.2 μS ~ 0.5 S' / Div. (± 3%), x10 Mag.: 20 nS ~ 50 mS / Div. (± 5%)		
Sweep magnification	± 3% (± 5% in x10 Mag.) (20 nS ~ 50 nS / Div. uncalibrated)		
Linearity	10 times. Max sweep time = 20 nS / Div.		
TRIGGER	± 5% (± 10% in x10 Mag.)		
Trigger Modes	AUTO NORM TOVE		
Trigger Source	AUTO, NORM, TV-V, TV-H.		
Trigger Coupling & Slope	CH1, CH2, ALT, LINE, EXT		
magaer coupling & Glope	AC, "+" or "-" .		
Trigger sensitivity	CLIA CLID	20 Hz ~ 2 MHz	2 MHz ~ 30 MHz
	CH1,CH2 ALT.	0.5 Div.	1.5 Div.
		2.0 Div.	3.0 Div.
	EXT.	200 mV	800 mV
	TV sync pulse >1Div. or 1V (EXT		
External trigger input	Max. I/P = 400 V (DC + AC peak)	at 1KHz. I/P Imp. : 1MΩ ±3%, :	25pF ±5pF
-Y OPERATION			The second secon
Sensitivity	5 mV ~ 5 V / Div. (± 4%). Phas	e Error : ≤ 3° (DC ~ 50 KHz)	
X-axis bandwidth	DC ~ 500 KHz		
ALIBRATOR OUTPUT	1 KHz square wave, 2 V p-p (± 2%)		
OWER SOURCE	AC 220 V ±10%, 50Hz, ≈ 35 W		
CCESSORIES	Operating manual & Mains cord. Optional : Oscilloscope Probes (x1 / x10).		
IMENSION & WEIGHT	310 (W) x 150 (H) x 455 (D) mm. Approx. 8 Kg.		

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