

MODEL ENGINEERING COLLEGE
THRIKKAKA, COCHIN-21
PH:2577379,2575370

Ref no.A2/686/21/MEC
Tender No.4/2020-21/MEC

dtd 26.3.2021

TENDER shedule

Sealed tenders in the prescribed format are invited for the purchase of “Digital Storage Oscilloscope with built in Function Generator for Biomedical Department of the institution ” under Plan fund 2020-21.

- 1.Last date and time of sale of tender form: 25/3/2021 10 am
- 2.Last Date & Time of Reciept of Tender: 29/4/2021 10 am
- 3.Date & Time of Opening of Tender: 29/4/2021 11 am

Cost of Tender Form:

Original : 400 + 18% GST + 1% VAT

Duplicate :200 + 18% GST+ 1% VAT

Tender form and details can be had from Model Engineering College,Thrikkakara. Mode of remmittance by Cash payment at College Office.Those who apply for tender form by post should remit additional amount of Rs.50/- as postal charges.Agreement in stamp paper worth Rs.200/- to accompany tender.EMD 1% of quoted amount. Further details available at www.mec.ac.in/ Tenders.



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Specification

50MHz Digital Storage Oscilloscope with Built-in Function Generator

4 nos

Bandwidth $\geq 50\text{MHz}$, Max. Real- Time

Sampling Rate : $\geq 1\text{GS a / s}$, Analog Channels :2

Record Length : $\geq 200\text{K}$ points, Time base 5nS/Div to 500S/Div , Wave form update rate $\geq 100,000$ wave forms/second, input sensitivity $500\ \mu\text{V/Div}$ to $10\ \text{V/Div}$, Trigger Source : Ch 1. Ch2 line. Wave Generator and External. Triger types edge, Video, pulse width and pattern.

Waveform Math fft, ch1-ch2 , ch1+ch2, ch1Xch2, Ch1/ch2, lowpass filter, automatic measurements : 24 automatic measurements, serial protocol analysis, I² C .UART/ RS 232.

Cursor measurements ; Both amplitude and Time cursors available, inbuilt function generator $20\ \text{MHz}$ (Sine , Square, Triangle, Ramp, DC, Noise) , Frequency response analyser : Plot gain and Phase. VS frequency, Interfaces USB 2.0 device port and USB 2.0 host port, Inbuilt voltmeter

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