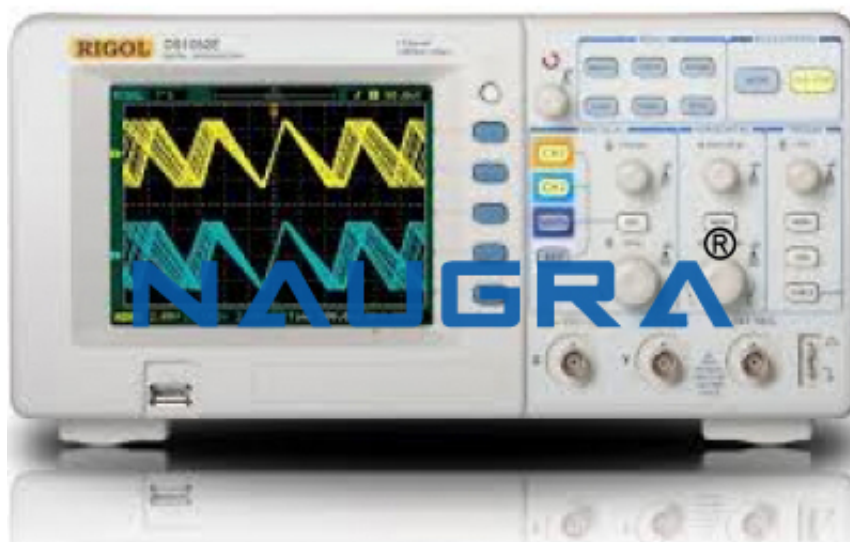


Product Name :
Oscilloscope 50MHz

Product Code :
Physics Lab0014



Description :

Oscilloscope 50MHz

We are Leading Supplier of Oscilloscope 50MHz in India. We also bulk supply Oscilloscope 50MHz for laboratory tensors.

Technical Specifications

Dual Trace

VERTICAL : Channels : 2

Bandwidth : DC ~ 50MHz (-3dB)

Rise Time : <7ns Approx.

Sensitivity : 2mV/div ~ 10V/div (1-2-5 increments)

Accuracy : $\pm(3\% \times [\text{Readout}] + 0.1 \text{ div} + 1\text{mV})$

Input Coupling : AC, DC & Ground

Input Impedance : 1M Ω $\pm$ 2%, ~ 15pF

Polarity : Normal & Invert

Input : 300V (DC+AC peak), CAT II

Waveform Signal Process : +, -, FFT

Offset Range : 2mV/div ~ 50mV/div : $\pm 0.4\text{V}$, 10mV/div ~ 500mV/div : $\pm 4\text{V}$ 1V/div ~ 5V/div : $\pm 40\text{V}$, 10V/div : $\pm 300\text{V}$

Bandwidth Limit : 20MHz (-3dB)

Trigger :

Sources : CH1, CH2, LINE, EXT

Modes : Auto, Normal, Single, TV, Edge, Pulse Width

Coupling : AC, DC, LF rej, HF rej, Noise rej,

Sensitivity : DC ~ 25MHz : Approx. 0.5 div or 5mV

25MHz ~ 50/70/100MHz : Approx. 1.5 div or 15mV

Ext. Trigger :

Range : $\pm 15V$

Sensitivity : DC ~ 25MHz : ~ 50mV; 25M ~ 50/70/100MHz : ~ 15mV

Input Impedance : $1M\Omega \pm 2\%$, ~ 16pF

Input : 300V (DC AC peak), CAT II

Horizontal :

Range : 1ns/div ~ 50s/div (1-2-5 increments) : ROLL : 50ms/div ~ 50s/div

Modes : Main, Window, Window Zoom, Roll, X-Y

Accuracy : $\pm 0.01\%$

Pre-Trigger : 10 div max.

Post trigger : 1000 div

X-Y Mode :

X-Axis Input : Channel 1

Y-Axis Input : Channel 2

Phase shift : $\pm 3^\circ$ at 100 KHz

Signal Acquisition :

Real Time Sample Rate : 250MSa/s

Equivalent Sample Rate : 25GSa/s

Vertical Resolution : 8 Bits

Record Length : 4K Dots max.

Acquisition mode : Normal, Peak, Detect, Average

Peak Detection : 10ns (500ns/div ~ 50s/div)

Average : 2, 4, 8, 16, 32, 64, 128, 256

Cursor And Measurement :

Voltage Measurement : Vpp, Vamp, V avg, Vrms, Vhi, Vlo, Vmax, Vmin,
Rise Preshoot / Overshoot, Fall Preshoot / Overshoot
Time measurement : Freq. Period, Rise Time, Positive Width, Negative Width, Duty cycle
Cursor measurement : Voltage difference between cursors (?V)
Time difference between cursors (?T)

Display :

TFT LCD Type : 5.7 inch
Display Resolution : 234 x 320 Dots
Display Graticule : 8 x 10 divisions
Display Brightness : Adjustable

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773