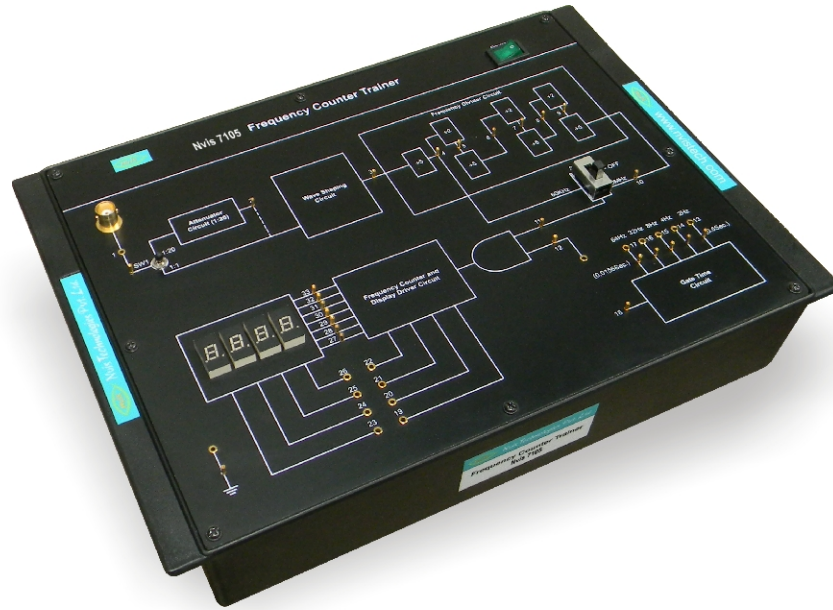




Frequency Counter Trainer

Nvis 7105



Nvis 7105 Frequency Counter Trainer is an exclusive product designed to demonstrate the fundamental principle and functioning of Frequency Counter. It includes various circuits namely, attenuator circuit, wave shaping circuit, frequency divider circuit, display driver circuit and gate time circuit. All these circuits are incorporated on a single board for study and verification.

Simple representation of all the circuits explain corresponding functionality in a very easy way to perceive the logics.

Features

- Exclusive and Compact design
- Stand alone operation
- Inbuilt +5V, -12V SMPS
- Diagrammatic representation of Frequency Counter circuit
- Low cost
- Learning material CD

Scope of Learning

- Study of Frequency Counter
- Study of Attenuator Circuit
- Study of Wave Shaping Circuit
- Study of Frequency Divider Circuit
- Study of Frequency Counter and Display Driver Circuit
- Study of Gate Time Circuit
- Study of Sensitivity of Frequency Counter
- Study of frequency measurement using gate time circuit

Technical Specifications

Frequency Range	: 20Hz - 30MHz
Resolution	: 10Hz (60KHz Range) 10kHz (30MHz Range)
Sensitivity	: 0.9Volts
Attenuation	: 1 : 1, 1 : 20
Input Coupling	: AC
Input Impedance	: 1M Ω
Display	: Seven Segment LED Display, 4 digits
Mains Supply	: 90 - 275V, 50Hz
Dimensions (mm)	: W 345 x D 240 x H 110
Optional	Digital Storage Oscilloscope 'Scientech 7025M/C'

Designed and Manufactured in India by -

Nvis Technologies Pvt. Ltd.

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