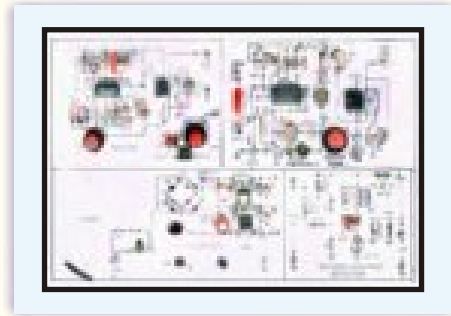




# PULSE WIDTH MODULATION TRAINER

MODEL- COM107A-1

This trainer has been designed with a view to provide practical and experimental knowledge of Pulse width Modulation on a SINGLE P.C.B.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF Modulating signal generator - Sine wave  
Frequency Range : 1KHz  
Amplitude : 0 to 2 Vpp.
4. On Board Sampling Pulse signal generator.  
Frequency Range : 2 KHz to 32 KHz.  
Pulse width : Variable.
5. Modulator Sections : Comparator.
6. Standard Accessories : 1. A Training Manual.

## EXPERIMENTS

1. To study theory of Pulse Width Modulation & Demodulation.
2. To generate PWM signal
3. To prove Nyquist's Sampling Theorem.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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