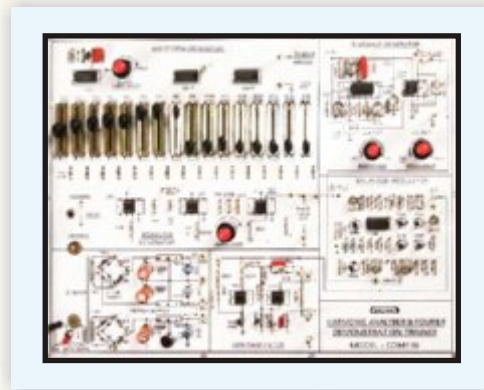




# FOURIER SYNTHESIS TRAINER

MODEL - COM118S

This trainer has been designed with a view to provide practical and experimental knowledge of Fourier Synthesis on a single PCB.



## SPECIFICATIONS

1. Harmonic Generation Technique : Direct Digital Synthesis (DDS).
2. Summing Amplifier : Eleven Input
3. Fundamental Frequency : 1 KHz.
4. Harmonics Generation : 9 Harmonics, ranges from 2 KHz to 10 KHz.
5. Fundamental and Harmonics Amplitude : 5Vpp (approx.)
6. Controllable gain for individual frequency component domain.
7. On Board Wave forms : 0(sine), 90(cosine), 180(-sine), 270(-cosine)
8. Mains Supply : 230 V  $\pm$ 10%, 50Hz . 60 Hz on request
9. Power Consumption : 2.5 VA (approx.)
10. DC constant generation : -5 V to +5 V

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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