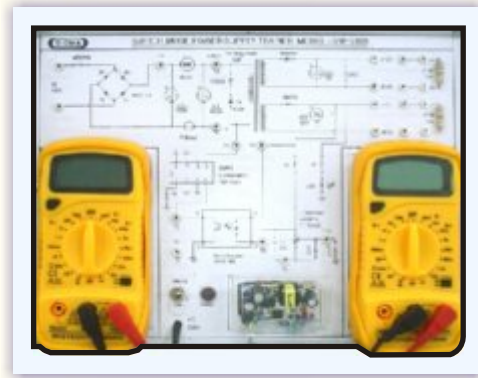




# SWITCH MODE POWER SUPPLY TRAINER MODEL - SMP100N

This trainer has been designed with a view to provide practical and experimental knowledge of Switch mode power supply on a SINGLE P.C.B



## SPECIFICATIONS

- |                         |  |
|-------------------------|--|
| 1. Power supply         | : 230V AC, 50 Hz.                                    |
| 2. Regulation range     | : 170V AC to 260V AC.                                |
| 3. Output Voltages      | : + 5V /250mA,<br>+12V/250mA                         |
| 6. IC used              | : IC TEA1520 as Pulse width Modulator.               |
| 7. Accuracy             | : $\pm 5\%$  |
| 8. Feedback Control     | : Using Opto coupler.                                |
| 7. Standard Accessories | : 1. A Training Manual.<br>2. Connecting Patch cords |

## EXPERIMENTS

1. To study the SMPS regulator power supply.

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

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
AHMEDABAD - 380054.  
INDIA.

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**