



# MOBILE PHONE TRAINER

## MODEL - MOBILE100L

This trainer has been designed with a view to provide practical and experimental knowledge of a Mobile Phone.



### SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz for charging phone battery with adaptor
2. Battery : Built in Ni-Cd battery.
3. Technology : GSM
4. Display : Three lines.
5. Phone Memory : 100 Nos.
6. Answered Call memory : 5 Nos.
7. Last dialed call memory : 10 Nos.
8. Battery charging Time : 2 Hrs.
9. Facilities : STD and ISD facility, Caller line identification
10. SIM card : Pre-paid with Local service provider for Rs. 500/- airtime only.  
Recharging/renewal has to be done by customer afterwards.
11. Test Points : 28 Nos.
12. Faults : 14 Nos.
13. All components should be soldered on Single PCB of size 12" x 9" on the front side of PCB with complete circuit diagram Screen-printed section wise in multi-colour with 2mm multicolored sockets.
14. Standard Accessories : 1. A Training Manual

### EXPERIMENTS

1. To understand block diagram and working of GSM mobile phone
2. To configure settings for GPRS services for mobile handset
3. To flash mobile phone with appropriate software
4. To understand various faults occurs in mobile handset
5. To understand general fault finding procedure in GSM mobile handset

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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**Dealer:-**

## EXPERIMENTS

1. Introduction and general theory of Mobile Phone
2. To Study Specifications of a Cellular Phone
3. To Study Installation procedure
4. To Study the Block Diagram and Working principal