



BLOOD PRESSURE MEASUREMENT TRAINER

MODEL-BPR100

This trainer has been designed with a view to provide theoretical and experimental knowledge of Measurement of Blood Pressure Measurement on a SINGLE P.C.B.

FEATURES

1. The complete circuit of BP measurement is printed on single PCB.
2. Study of characteristics of BP Transducer.
3. Complete Circuit is screen printed on the PCB.
4. All parts are soldered on single pin tag for easy replacement.
5. Typical ICs are provided on sockets to provide a facility to check similar other ICs.
6. Explanation, Observation, Alignment and adjustment of Internal and External controls is possible at a glance due to single PCB.
7. Easy identification of different parts of BP Transducer at a glance.
8. Easy measurement of Voltages and Observation of waveforms at any point. Also typical voltages and waveforms are provided.
9. A manual having Practical details is provided with the trainer.
10. The whole circuit BP measurement is explained section wise in detail in the manual.

EXPERIMENTS

1. Power supply : 230V Ac, 50 Hz.
2. Transducer : BP transducer
3. Transducer input : BP generator
4. Sections : Pulse Amplifier, Output Amplifier, Differential powerSupply, X-Y recorder.
5. Controls : Adjustment by 10 turn potentiometer.
6. Output : X-Y Recorder.
7. All parts must be soldered on TAGS on SINGLE PCB with complete circuit diagram SCREEN PRINTED.
8. Biomedical Disposable Accessories : BP Cables; BP Electrodes, Straps (4);
9. Standard Accessories : Laboratory Manual
10. Optional Accessories : BP Simulator.

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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