T and π Network Trainer has been exclusively and attractive designed to demonstrate the significance of image and characteristic impedance of T and π-network. It can be used as a stand alone unit with inbuilt DC power supply. Various scope of learning makes the subject understanding complete.

This trainer includes not only the experimental calculation of image and characteristic impedance but also verifies it by comparing the theoretical values under T and π-networks in a sequential manner. With this, students can learn about importance of Symmetrical and Unsymmetrical networks.

Experiment:

01.   Study and verification of Image Impedance of Unsymmetrical T-Network

02.   Study and verification of Image Impedance of Unsymmetrical π-Network

03.   Study and verification of Characteristic Impedance of Symmetrical T-Network

04.   Study and verification of Characteristic Impedance of Symmetrical π-Network

Technical Specifications

01.   Mains Supply : 230 V ±10%, 50 Hz

02.   DC Power Supply : 5 V, 150 mA

*   Adequate no. of patch cords stackable 4mm spring loaded plug length ½ metre.

*   Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.

*   Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.