



Specifications

- Demonstrates the basic theorems •
- Demonstrates the two port network parameters
- Demonstrates the different AC bridges
- Analysis of network
- On-board power supply, resistor, capacitor, inductor bank
- On-board dual isolated power supply 0 to 20 V
- Variable current source
- Resistor bank
- Capacitor (fixed and variable) bank
- Inductor bank
- Potentiometer bank
- Bread board
- Interconnection points and test points
- Experimental manual
- ٠ Interconnection cord

Experiments

- Superposition theorem
- Thevenin's theorem
- Norton's theorem
- Reciprocity theorem
- Two port network parameter (Z and Y parameter)
- Verification of Ohm's law
- Verification of Kirchoff's law (KCL and KVL)
- · To verify compensation theorem
- · Study of resistor ladder network
- Assignment
 - Hay's bridge
- Schering bridge
- Andersen bridge
- Owne's bridge
- LC resonance
- · Many more

Note: Specifications are subject to change.

C **Tesca Technologies Pvt. Ltd.** IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,

Hear Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,

Tel: +91-9829132777; Email: info@tesca.in, tesca.technologies@gmail.com Website: www.tescaglobal.com

