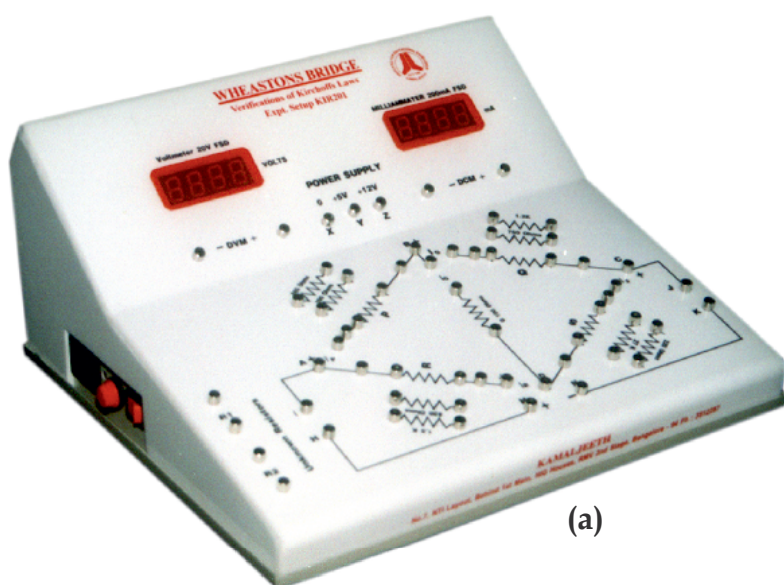


Experiment(s):

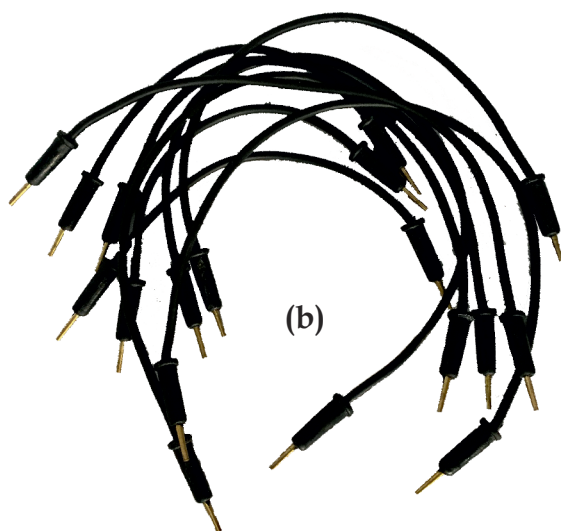
1. Verification of Kirchoff's law using Wheaston's bridge.

(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference : Detailed textbook of Engineering physics practicals by S P Basavaraju, Page - 109



(a)



(b)

Experiment setup consists:

- a) Wheatstone bridge kit
- b) Set of patch cords

Specifications:

a) Wheatstone bridge kit

Voltmeter: Digital DC voltmeter

Display: 3½ digit, LED

Range: 20 V

Resolution: 0.01 V

Current meter: Digital DC current meter

Display: 3½ digit, LED

Range: 200 mA

Resolution: 0.1 mA

Components: Set of known value resistors and set of two unknown resistors

Power Supply: Selectable voltage

5 V DC or 12 V DC

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power consumption: <30 W

Cabinet: Acrylic body, aluminium bottom

b) Patch cords

Set of standard 2 mm patch cords of different lengths with spare cords



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