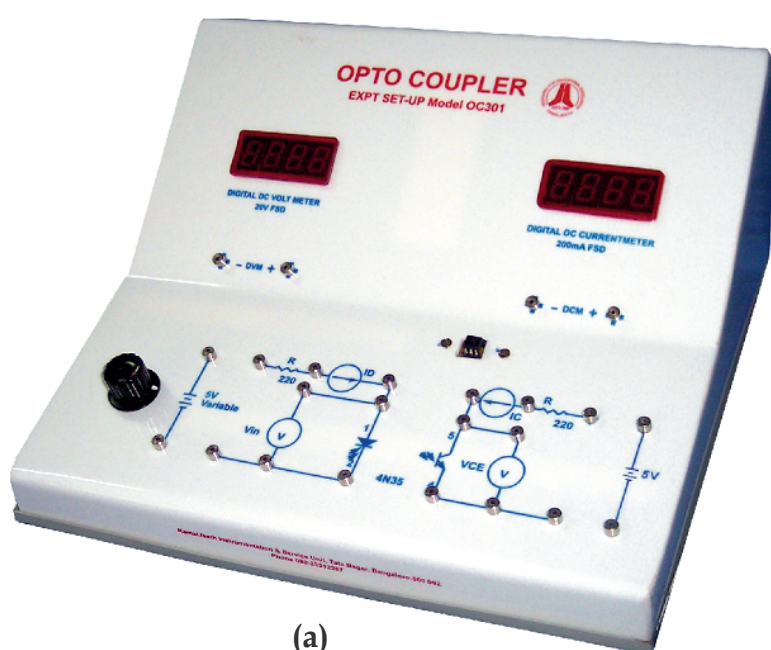


Experiment(s):

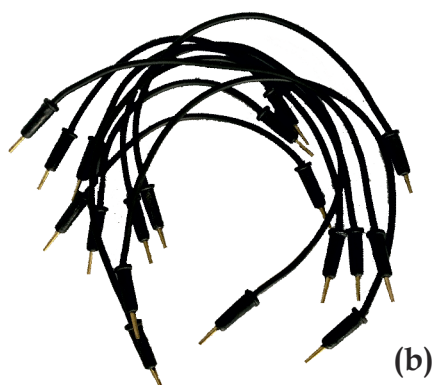
1. Input/output & transfer characteristics of an opto coupler
2. Determination of voltage & current transfer ratio

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

Reference : Lab Experiments Journal vol-10, No.1, Page-41



(a)



(b)

Experiment setup consists:

- a) Opto-coupler kit
- b) Set of patch cord

Specifications:**a) Opto-coupler 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

Power Supply 1: Regulated DC variable power supply

Voltage: 0-5 V

Power Supply 2: Regulated DC fixed power supply

Voltage: 5 V

Opto-Coupler: IC 4N35, externally mountable

Components: Set of internally connected in-built components

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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