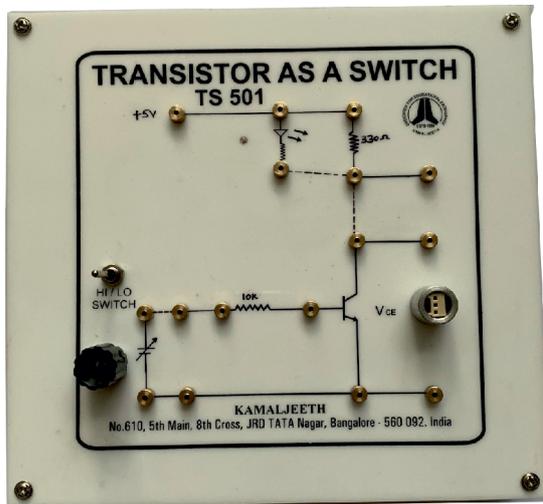


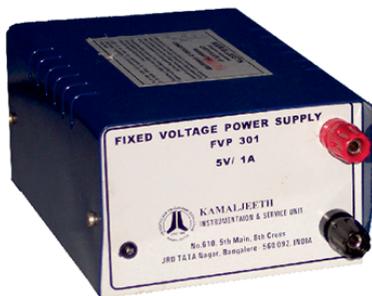
Experiment(s):

1. Understand the working of a transistor and use it as switch

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



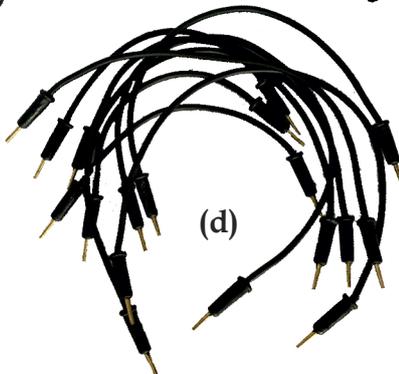
(a)



(b)



(c)



(d)

Experiment setup consists:

- Transistor as a switch board
- Power supply
- Digital voltmeter
- Set of patch cords

Specifications:

a) Transistor as a switch board
 Components: Built-in with potentiometer
 Transistor: Externally mounting type
 Output: Via LED

b) Power supply
 Regulated DC power supply
 Voltage: 5V/1A DC
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz
 Power consumption: <20 W

c) Digital DC voltmeter
 Display: 3½ digit, LED
 Range: 20 V
 Resolution: 0.01 V

d) Patch cords
 Set of standard 2 mm patch cords of different lengths with spare cords



KAMALJEETH INSTRUMENTS

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