

## DTK-04 BREAD BOARD TRAINER



DTK-04 is a single board Breadboard Trainer Kit which is widely used to train engineers to develop/ Study hardware for any Analog integrated circuit in laboratory. This board having Sine/ Square/ Triangle wave form Generator, Panel Meter, General purpose Breadboard, AC/DC Supplies for experimenting the analog techniques. In this board all interfacing between onboard source & breadboard are done by patch chords.

### Specifications

- **Function Generator (using IC 2206).**
  - Provides Sine, Square and Triangular output waveforms.
  - Frequency variable from 1Hz to 100KHz in five steps.
- **Panel Meter**
  - Analog DC Voltmeter of 0 to 25 V
  - Analog DC Ammeter of 0 to 1 A
- **Power Supplies**
  - Fixed DC Power Supply:  $\pm 5V/1A$ ,  $\pm 12V/1A$ ,  $\pm 12V/200mA$ , GND.
  - Variable DC Power supply of 0 to +24 V
  - AC Power Supply of 0-6V, 0-9V, 0-12V & 0-15V

- **Bread Board Area**
  - Four Distribution Strip of 100 tie points each totaling 400 tie points
  - Two Terminal Strip of 630 tie points totaling 1260 tie points
- **Interconnections**
  - All interconnections are made using 2mm banana Patch cords.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Attractive Metal/Wooden enclosures.
- Set of 2mm Patch cords for interconnections
- User's Manual.

Note : Specifications can be altered without notice in our constant efforts for improvement.