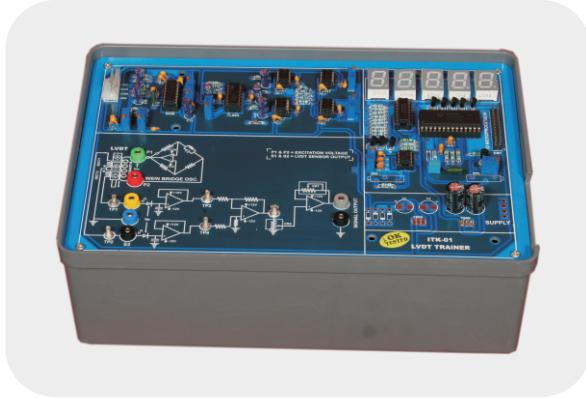
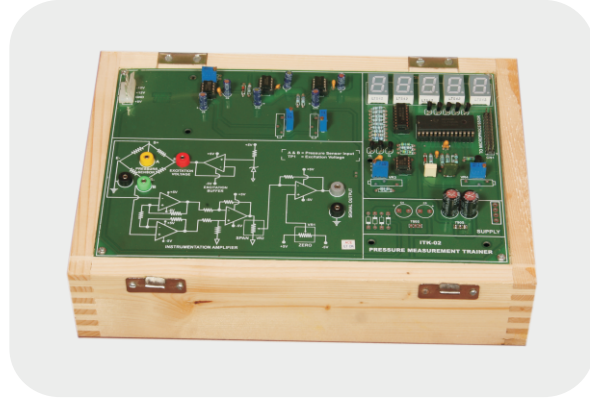


**ITK - 01****DISPLACEMENT MEASUREMENT USING LVDT TRAINER****Features**

- **Transducer**
  - LVDT Transducer with transparent enclosure.
  - Displacement of  $\pm 5\text{mm}$
  - Primary Excitation voltage of Sine wave  $1\text{Vp-p}$
- **Measurement Options**
  - On-board Digital Panel Meter provided
  - Output available on 2mm Banana sockets for Monitoring
  - Screw Gauge for reference displacement reading
- **Onboard Features**
  - Provided with excitation voltage
  - Onboard Instrumentation Amplifier provided
  - Block Description Screen printed on glassy epoxy PCB.
  - Facility to Interface with PC (Optional)
  - Facility to Interface with 8085/86/51 kit(Optional).
- **Interconnections**
  - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of  $+5\text{V}/1.5\text{A}$ ,  $\pm 12\text{V}/250\text{mA}$  with Power ON indication
- Attractive Wooden enclosures of Light weight Australian Pine Wood.
- Set of 2mm Patch cords for interconnections
- User's Manual with sample experimental programs

**ITK - 02****PRESSURE MEASUREMENT WITH PRESSURE GENERATOR****Features**

- **Transducer**
  - Resistive Pressure Transducer with transparent enclosure.
  - Pressure of  $0\text{-}300\text{mm hg} / 6\text{psi}$
  - Primary Excitation voltage of  $5\text{V DC}$
- **Measurement Options**
  - On-board Digital Panel Meter provided
  - Output available on 2mm Banana sockets for Monitoring
  - Pressure generation and Monitor using a Mercury gauge manometer
- **Onboard Features**
  - Provided with excitation voltage
  - Onboard Instrumentation Amplifier provided
  - Block Description Screen printed on glassy epoxy PCB
  - Facility to Interface with PC (Optional)
  - Facility to Interface with 8085/86/51 kit(Optional)
- **Interconnections**
  - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of  $+5\text{V}/1.5\text{A}$ ,  $\pm 12\text{V}/250\text{mA}$  with Power ON indication
- Attractive Wooden enclosures of Light weight Australian Pine Wood.
- Set of 2mm Patch cords for interconnections
- User's Manual with sample experimental programs

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