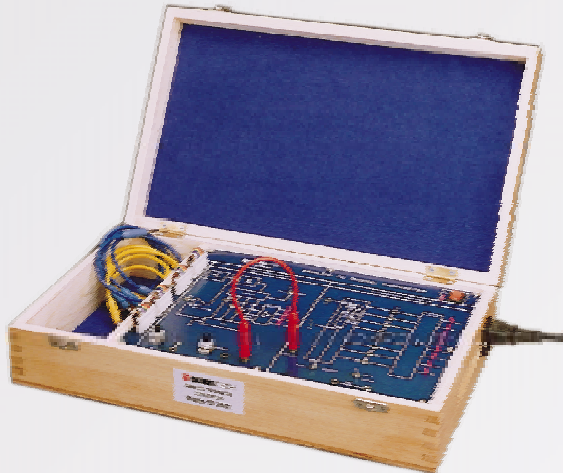


A/D Converter Trainer ST2601



- 4 bit discrete & 8 bit Monolithic converters.
- Unipolar & Bipolar DC Voltages.
- O/P status displayed by LED.
- Functional block indicated on board mimic.
- Built in DC power supply.

Technical Specifications :

A/D Conversion : 1) 4 bit discrete (ramp)
2) 8 bit Monolithic converter.
Signal Source : Unipolar & Bipolar DC voltages.
O/P Indication : By LEDs separate for each type
Inter connections : 4 mm. banana socket.
Dimensions : W 325 x H 90 x D 255 mm.
Weight : 2 kg. approx.
Power Supply : 230V \pm 10%, 50Hz.
Accessories Included : Line cord, Manuals and Set of Patch Cords.

Experiments That Can Be Performed :

SciencTECH ST2601 provides study of operating principles and characteristics of the A/D conversion. The trainer consists of 2 sections for experiments :

- 1) A discrete component realization of ramp A/D counter converter.
- 2) 8 bit monolithic A/D converter.

SciencTECH Technologies Pvt. Ltd.

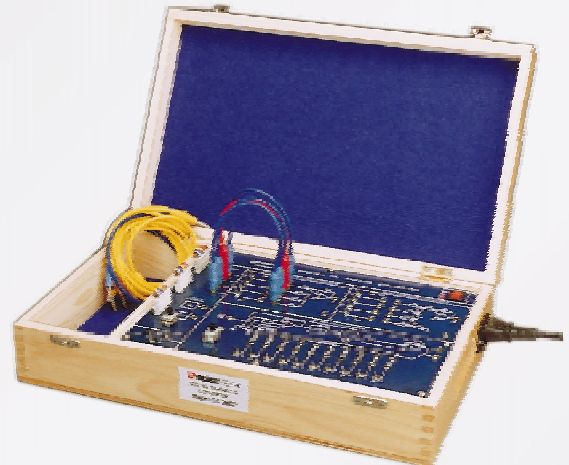
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D/A Converter Trainer ST2602



- 4 bit Weighted resistor-4 bit R-2R network-10 bit monolithic D/A converters.
- Onboard Sine Generator.
- Functional block indicated on board mimics.
- Built in DC power supply.

Technical Specifications :

D/A Conversion : 1) 4 bit weighted resistor
2) 4 Bit R-2R ladder network.
3) 10 bit monolithic D/A converter.
Signal : 1) DC Supply 2) Sine wave Generator.
O/P Indication : On DMM or Oscilloscope.
Inter Connections : 4 mm. banana sockets.
Dimensions : W 325 x H 90 x D 255 mm.
Weight : 2 kg. approx.
Power Supply : 230V \pm 10%, 50Hz.
Accessories Included : Line cord, Manuals & Set of Patch Cords.

Experiments That Can Be Performed :

SciencTECH ST 2602 provides study of operating principle and the characteristics of D/A conversion. The trainer consists of 3 sections for experiments :

- 1) 4 bit Weighted resistor converter.
- 2) R-2R ladder network D/A converter.
- 3) 10 bit monolithic D/A converter.

subject of change.

Other Products & Trainers :

- ★ Antenna Trainer ★ Transmission Line Trainer.
- ★ Digital Communication Trainers.
- ★ Analog Communication Trainers.
- ★ Fiber Optic Trainers.
- ★ Laser Fiber Optic Trainer.
- ★ A/D and D/A Converter Trainers.
- ★ Optical Power Meter. ★ PC based OTDR.
- ★ Fiber Optic Connectorization kits.

... the best learning tools !