OMEGA TYPE PET-450 Stepper Motor Control trainer are based on IC SAA-1027 & designed to study the various functions of a stepper motor. It can be interfaced with microprocessor trainer and personal computer.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

01 To study various functions of Stepper Motor

02 Stepper Motor interfaced with microprocessor trainer 8085A / 8086 and personal computer.

FEATURES

The board consists of the following built-in parts:

01 DC Stepper Motor 4 winding torque 1.0 Kg-cm, step angle 1.8º, power 12V 0.2 Amp/ phase

02 Fast & slow selection switch

03 Forward & reverse selection switch

04   Free run & step selection switch

05 Microprocessor/ PC and on board selector switch built in option for microprocessor interfacing/ personal computer

06 IC regulated 12V DC at 500mA

07 Timer IC LM 555

08 Driver IC SAA-1027

09 Adequate nos. of other electronic components.

10 Mains ON/OFF switch, fuse & jewel light.

11 The unit is operative on 230VAC ±10% at 50Hz.

12 Good Quality, reliable connector are provided at appropriate places on panel for connections to microprocessor/PC and terminals to connect external counter.

13 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

14 Weight   : 2.700 Kg. (Approx.)

15 Dimension   : W 340 x H 125 x D 210

LIST OF ACCESSORIES: NILL

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.