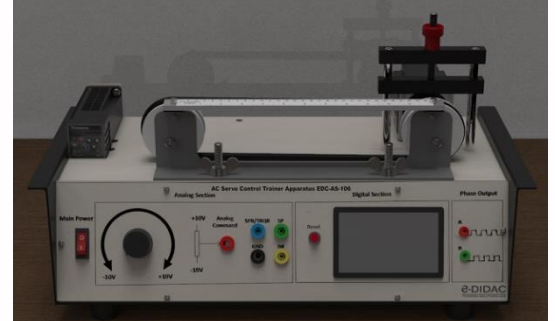


AC Servo Control Trainer Apparatus (EDC-AS-106)

EXPERIMENTAL DATA:

- Internal and External Speed Control of AC Servo Motor.
- Torque Control.
- Position Control.



DESCRIPTION:

The AC servo system, used in machine tools, industrial robots and a variety of other industrial machinery, surely controls the rotor position, rotation direction, rotation speed, and torque of servo motors.

The apparatus consists of touch LCD for changing the mode of experiment in position, torque and speed. Manual torque is applied using torque assembly.

SPECIFICATIONS:

- Touch LCD for Display and Control.
- AC Servo Controller Installed.
- AC Power Supply.
- Control Inputs.
- Torque Assembly.
- Variable supply $\pm 10V$ DC for Analog Control.

DIMENSIONS AND WEIGHT:

- L x W x H (mm): 500 X 300 X 300 approx.
- Weight: 25 kg approx.

SCOPE OF DELIVERY:

- 1 x EDC-AS-106.
- 1 x Instructional Manual.

TECHNICAL DATA:

- Motor power: 100W.
- Rated Freq.: 200Hz.
- Rated Revolutions: 3000 r/min.
- Velocity Response: 1KHz.
- AC servo drive.
- Other Outputs: SP, IM, SPR/TRQR.
- Closed Loop Control: Position & Torque.

