

SERVO MOTOR TRAINING KIT WITH PLC AND HMI



Servo Motor Training Kit provides hands on training on operation of servo motors in integration with PLC and HMI. Users can make use of various parameters of Servo Motor amplifier through PLC and HMI to operate the servo motor.

Servo Motor which is coupled to a single axis linear robot will translate its shaft motion into linear motion of a single axis robot. Glass scale with a linear encoder can provide users with actual movement of a servo motor as a feedback against the commanded motion.

Indigenously developed PCB provided ease of connection and utilization of all parameters of Servo motor amplifier.



Different Experiments that can be carried out (Text on the screen):

Servo-drive logic can include up to three types of servo loops – current, velocity, and position. These servo loops use feedback signals to adjust the output of the loop to produce the desired result.

- Current Loop
- Velocity Loop
- Position Loop

Advantages of Servo Motor:

The rise of factory automation has brought many benefits to manufacturing, Machining, in-factory transportation and assembly. Every step of the manufacturing process is evolving in parallel with advances in automation technology. In the midst of this trend, Servo motor form a core of automation and efficient use of servo motors in integration with other automation components such as PLC, HMI and IIOT has become vital.

