

Product Name :
Servo Positioning Training Bench**Product Code :**
ELTC0198**Description :**

Servo Positioning Training Bench

Technical Specification :

This training device includes modules such as servo motor, servo motor controller, HMI, PLC, linear actuator and linear sensor. Through related experiments, the principle of horizontal movement of servo control motor can be studied, and students' corresponding knowledge and skills can be cultivated, which is suitable for higher vocational education. Assessment of teaching and skills of relevant majors in technical colleges, technical colleges, secondary vocational schools and technical schools.

1.2 Features

- (1) The training device adopts an aluminum column frame structure. The power supply is integrated and installed, which is safe and convenient to use and not easy to damage.
- (2) The unit circuit hanging box is fully configured and can be used in combination to complete the training content of various courses.
- (3) The device has a good safety protection system.

2 Performance parameters

- (1) Input power: single-phase AC220V \pm 10% 60Hz
- (2) Overall dimensions: 1150mm \times 730mm \times 1200mm

(3) Machine capacity: 2KVA

(4) Weight: <190kg

(5) Working conditions:

Ambient temperature -10 °C ~ + 40 °C

Relative humidity ≤ 85% (25 °C)

Product composition

(1) Servo controller

(2) HMI

(3) PLC

(4) servo motor

(5) Linear sensor

(6) Digital position indicator

(7) Location reference

(8) Pointer set

(9) commutator

(10) Pulse button

(11) Potentiometer

(12) Incremental encoder

(13) Inductive sensor

(14) Finisher

(15) 30 pieces of 4mm safety electrical connection

cable

4 Can complete experimental training projects

1. Understanding of servo motors

1. Training of servo motor forward and reverse horizontal movement

3. PLC controls servo motor movement

4. Touch screen and PLC communication control servo motor movement



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