



The Universal Table trainer gives provision to interface PLC with four axis displacement of the table.

Features

- Controlled by PLC
- Table can be moved in Horizontal, Vertical Direction and can also be tilted.
- Table travel: X-200, Y-200, Z-150 Θ -45° to +45°.
- Load carrying capacity-10Kg, with ball lead screw, Minidrill-dia.8mm, Drill-Vice.

Experiments

- To move MS table in Horizontal, Vertical direction and also Tilt with the help of PLC ladder program & Stepper motor driven mechanism.

Equipment Required

- PLC Micrologix 1200 with PWM output.

Specifications

- Servo motors
- Servo Amplifier
- PLC:- Allen Bradely Micrologix-1200 762124BXB. DI:-14, DO:-10, PC-PLC cable, RS Logix-500 ladder prog. Software.
- Lead/Ballscrew linear guideways mechanical mechanism for X-Y, UP-DOWN, TILT movement Of a table.

Services Required

- Single Phase 230 VAC 50 HZ Supply

Note: Specifications are subject to change.

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