



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

- Stepper motor driven mechanism.
- Bidirectional stepper motors(4 no.s): Torque: 20Kg/cm² & 10Kg/cm², Shaft length: 20.6mm, Shaft dia.: 6.35mm.
- Bipolar Stepper driver card: Supply voltage: 24VDC, Angular rotation: 1.8°/0.9°.
- 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.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
 Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
 Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tescaglobal.com