



The Pick & place robotic application trainer (52319) gives provision to interface PLC with X-Y-Z Three axis displacement and a robotic arm.

#### Features

- Controlled by PLC
- Displacement in 3 axes : X-Y-Z axis
- Capable to pick and place an object from one position to another.
- Variable Jaw area to Pick objects of different shapes.
- Object Lift movement height Selectable

#### Experiments

- PLC Micrologix 1400 with PWM output.

#### System Dimensions

- Control Panel: 1.5 Ft (L) × 1 Ft (W) × 1.5 Ft (H)
- Pick & Place Platform: 1.5 Ft (L) × 1.5 Ft (W) × 2 Ft (H)

#### Services Required

- Electric Supply of 1φ 230 VAC motor.

#### Technical Specification

No.	Item Name	Technical Specifications
1	Servo Motor	
2	Servo Amplifier	
3	Lead / Ball Screw Linear Guide ways Mechanical Mechanism	For X-Y Movement and Robotic Jaw with open / close facility.
5	PLC-	MicroLogix 1400 / Equivalent Digital inputs- 14, Digital outputs- 10. PC interface facility, PC-PLC interfacing cable. Ladder Programming Software.

Note: Specifications are subject to change.

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