

Product Name :
Astra Scientific Pick and Place Robot Trainer

Product Code :
RoboticsLab0002



Description :

Astra Scientific Pick and Place Robot Trainer

Technical Specification :

Banking on our latest manufacturing facilities, we once again brought a range of Pick & Place Trainer. Integrated with best quality material, this has been designed with distinctive attributes like premium make, optimum quality and robust construction. Due to this, it has become a well-appreciated product in various industries. The system enables the user to gather the information regarding PLC with three axes displacement and a robotic arm.

FEATURES:

- Robust construction
- Sturdy design
- Controlled by PLC
- Displacement in 3 axes: X-Y-Z axis
- Capable to pick and place objects

- Variable jaw area
- Selective object lift movement height

SPECIFICATION:

- Bidirectional Stepper Motor 10Kg/cm², Shaft Length: 20.6 mm, Shaft Diameter: 6.35 mm. Electrical with actuator driven mechanism.
- Bipolar Stepper Drivers Card Motor Supply voltage: 24 VDC, auto / manual, enable – disable and direction Selection facility, angular rotation / pulse: 1.8° / 0.9°
- Lead / Ball Screw Linear Guide ways Mechanical Mechanism X-Y Movement and Robotic Jaw with open / close facility.
- PLC Micro Logix1400 / Equivalent Digital inputs- 14, Digital outputs- 10. PC interface facility, PC-PLC interfacing cable. Ladder Programming Software.



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265