Product name:	Product code:
Scarab Robot Trainer	CIVIL-ROB-160-0003

Description

Scarab Robot Trainer

Technical specification

The first thing to recognize is the Robot's Parallel- axis, joint layout, which is compliant in the X-Y direction but rigid in the Z direction, hence the term 'Selective Compliant'. This offers enormous advantage in all sorts of primary & secondary packaging applications as well as a host of other pick & place functions. Secondly the jointed two – link arm layout is similar to a human arm, which is why the phrase articulated forms part of acronym. As a result the robot can reach into confined areas and then fold back out of the way. Today in industries preferences are given for robots as its wide applications helps for better productivity and hence it is the need of the time to learn the concepts of robotics at educational levels only. FEATURES: Short Cycle Time. High Speed. High Performance. High Rigidity. High Repeatability. Ease of Use. Low Maintenance Efforts. Outstanding Joining Properties. High Operational Safety.

SPECIFICATION:

Design: 4 Axes. Pay Load: 1.5 kg. Reach: 425 mm. Link 1: 225 mm. Link 2: 220 mm. Joint Actuator: Stepper Motor with Gear Box. Controller: USB Based Motion Controller. Safety: Micro Switches for Home and Axis Limits. I/O: 8 nos. Power: 230 Volts, 50 Hz, Single Phase.

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