Product name:	Product code:
Three Axis Gantry Storage and Retrieval Trainer	CMI-NP-1004



Description

A three axis gantry storage and retrieval trainer with vacuum or gripper pickup, used to teach Cartesian robot control and warehouse handling.

Technical specification

Gripper	Pneumatic parallel
Control	PLC
Repeatability	+/- 0.1 mm
Experiments	Pick, place, palletising
Power supply	230 V AC, 50 Hz

A gantry travelling along X, Y and Z picks parts from an input and places them in grid positions, helping students learn coordinate control.

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Features

- Cartesian gantry on linear guides
- Timing belt or lead screw drives
- Gripper or vacuum pickup
- Grid storage plate
- PLC control
- Safety guard

Technical Specifications

Axes	X, Y, Z
Travel	X 400 mm, Y 300 mm, Z 150 mm
Drives	Stepper motors with drivers
Storage grid	4 x 5 positions