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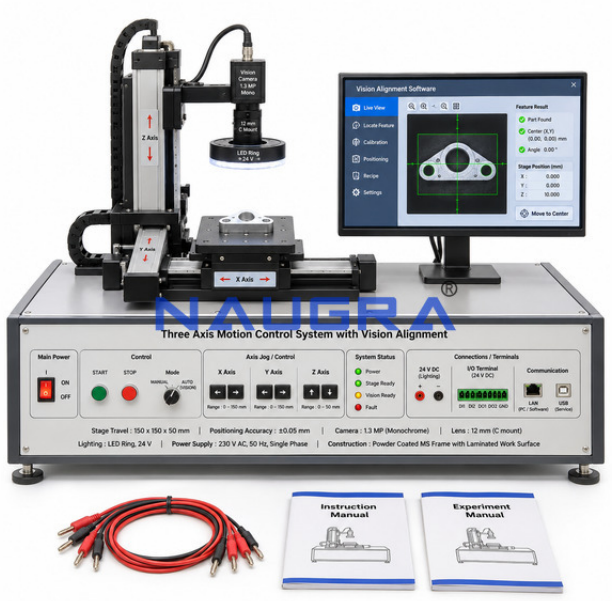
Product name:	Product code:
Three Axis Motion Control System with Vision Alignment	CMI-NP-2059



Description

System combining three axis stage with a camera for vision based part alignment. Teaches vision guided positioning for assembly stations. Students calibrate the camera to the stage, locate part features and command axes to correct position.

Technical specification

Software	Vision tools with calibration
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Three Axis Motion Control System with Vision Alignment is designed for ITI, polytechnic and TVET laboratories. Students calibrate the camera to the stage, locate part features and command axes to correct position.

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Features

- 3 axis stage with encoders
- Machine vision software
- LED lighting ring
- Calibration target plate
- PLC or PC based control

Technical Specifications

Stage Travel	150 x 150 x 50 mm
Camera	1.3 MP monochrome
Lens	12 mm, C mount
Positioning Accuracy	+/- 0.05 mm
Lighting	LED ring, 24 V