Product name:	Product code:
Laser Seam Tracking Welding Robot Training Unit	CMI-NP-2174



Description

Robot with laser seam tracker for training in adaptive weld path correction. Teaches how sensors follow seam position. Students calibrate the tracker and run welds on parts with varying gap.

Technical specification

Interface	Ethernet
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 Laser Seam Tracking Welding Robot Training Unit is designed for ITI, polytechnic and TVET laboratories. Students calibrate the tracker and run welds on parts with varying gap.

Features

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- Laser line sensor
- Tracking controller
- Robot arm
- Test joints
- Calibration plate

Technical Specifications

Sensor	Laser line, 30 mm range
Tracking Accuracy	+/- 0.2 mm
Robot	6 axis, 6 kg
Update Rate	50 Hz
Joint Types	Butt, lap, fillet