Product Name :	**Product Code :**
Two Axis Cartesian Robot	CE188

Description :

Two Axis Cartesian Robot

Technical Specification :

Two Axis Cartesian Robot
Training Objective
Programmable multifunctional controller developed for simulating a Cartesian robot used in industrial environment. This robot applies the modern mechanical technology, of pneumatics and sensors to allow the student to acquire notions in terms of mechanical design and tracking position technology. By means of a modern PLC, it is possible to set the system, in this way the student has the opportunity to interact with the world of the automation.

Training Objectives:
This equipment allows carrying the following experiments:
Study of the two-axis mechanism with torque ball screws
Study and operation of position sensors
Knowledge of the operating principle of pneumatic components
Introduction to the control system
Control of the stepper motor Technical specifications:
The Cartesian robot is complete of the following components:
A supporting frame made of aluminium for components and devices composing the system ï€ Control panel used to manage the system, composed of different switches and a switch to variate the robot position
Programmable PLC
Two-axis mechanism complete with motors and sensors for tracking position

Pneumatic clamp complete with all the components necessary for its operation
Complete with processing software
Compressed air system needed for the correct operation of the system
Power supply: 100Ã·240 VAC 50/60 Hz

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