Product name:	Product code:
Innovative Industrial Automation Control	INDU-AUT-0001



Description

Innovative Industrial Automation Control

Technical specification

Conventional low-voltage electric principle and control
Use programmable controller to realize typical industrial control
Control of three-phase asynchronous motor
Frequency converter speed control and application control technology
Use programmable controller to realize electric control
PLC transmission control of the stepper motor
Communication of frequency converter speed control system
Automatic control system training
Industrial configuration software training
Basic instruction demonstration based on text display
Frequency conversion velocity modulation control of three-phase asynchronous motor based on text display
Function parameter setup and operation of frequency converter
Variable frequency open-loop control of three-phase asynchronous motor

Innovative Industrial Automation Control Technology Training System - This training set including the field of industrial automation involved mainstream industrial control equipment and superior unit configuration software, programming software, product set PLC, frequency converter, stepping motor, three phase asynchronous motor module to form control - drive - to perform complete system. In this experiment device can train students basic programming, basic data acquisition and processing experiment, and can let students according to need to choose different equipment course design and graduation design, not only training the students' basic skills but also develop the students' high level design and development

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All of its elements adopt practical industrial field components, rather than model.This will give students a real working environment.
Since each production line is composed of multiple independent workstation, multiple stand together to form a complete set of production line.
Therefore, students firstly can from one station to practice mechanical installation technology, pneumatic technology, automatic mechanism, sensor technology, electrical installation, industrial robot application technology, PLC programming and debugging, and then will be comprehensive use single subject knowledge together.
Learning (from the beginning, a single station practice to two station joint debugging, up to the end, more stations connect together to realize the overall commissioning and operation. Especially take group execution work method, so that the students can learn knowledge and cultivate the students' team spirit.