



DLMCS-585MS2 Optical Sensor Mechatronics Training Set

■ Overview

- This system is a kind of training assessment device which can simulate industrial site workflow environment for different types of workpiece processing and testing, handling and automatic assembly stamping and classification storage, use a variety of sensors to achieve the detection and identification of the workpiece, delivery workpiece by the manipulator and handling mechanism, And ultimately complete the classification storage about the workpiece which is in place by the sorting mechanism.
- The system is composed of aluminum workbench, feeding and testing unit, manipulator, processing unit, assembly and punching unit, ASRS and DC speed regulation unit.
- The system uses a modular control unit. The control module including Mitsubishi/Siemens PLC module, Mitsubishi/Siemens converter module, double-closed-loop DC speed regulation module, servo drive and servo motor module, stepper drives and stepper motor module; The control objective including feeding and testing unit module, processing unit, handling manipulator unit, assembly stamping unit, ASRS module.
- The system adds dual closed-loop speed control module to drive DC motor speed regulation.

■ Technical Parameter

- Total dimension: 1900×900×1220mm
- Input power: three-phase, five-wire AC 380V±10% 50Hz/60Hz

- Output power: AC 220V safety socket output DC 24V safety terminal output
- Capacity: < 2KVA
- Optional
 - Computer,computer table
 - PLC module
 - Air compressor