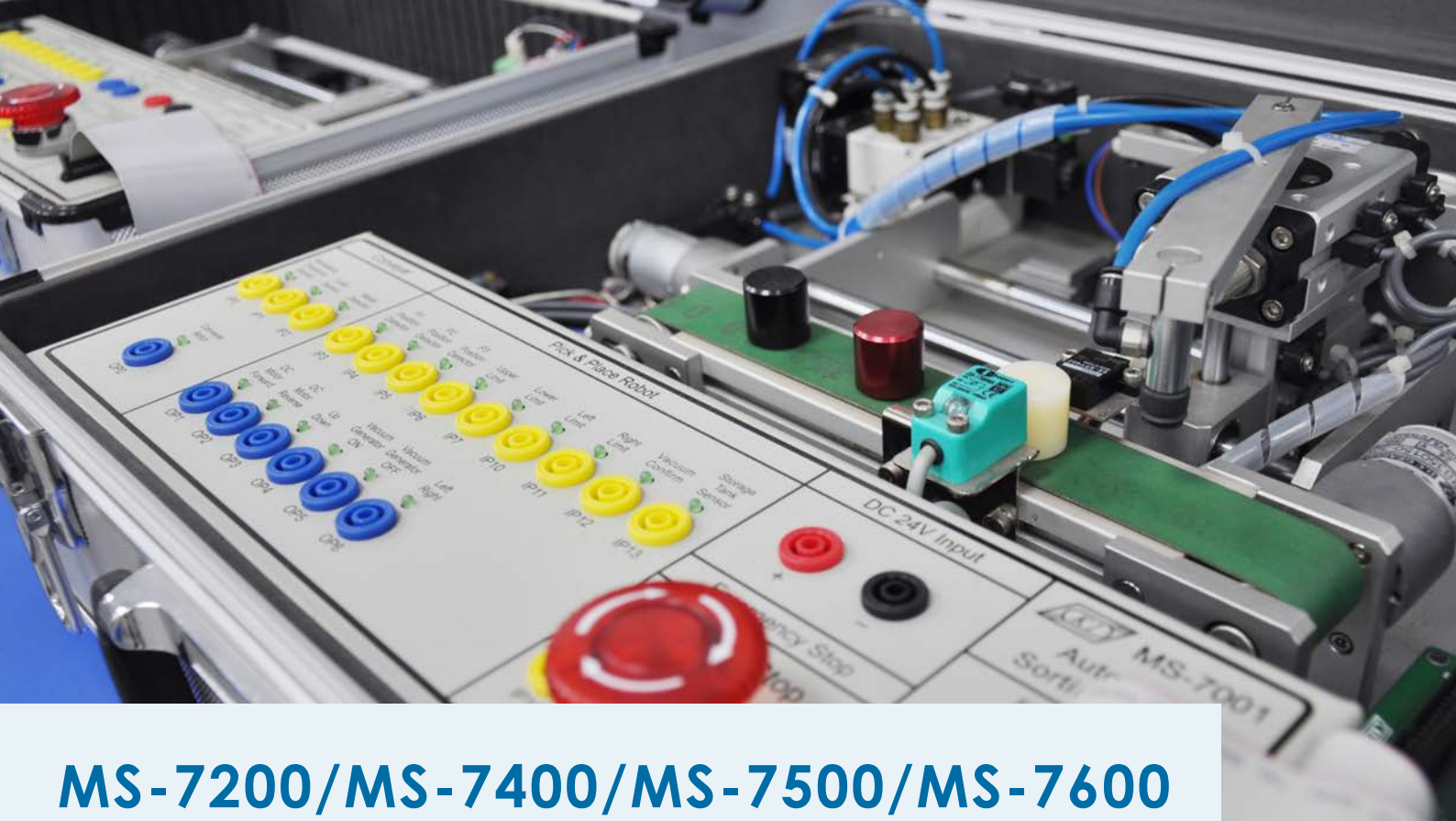
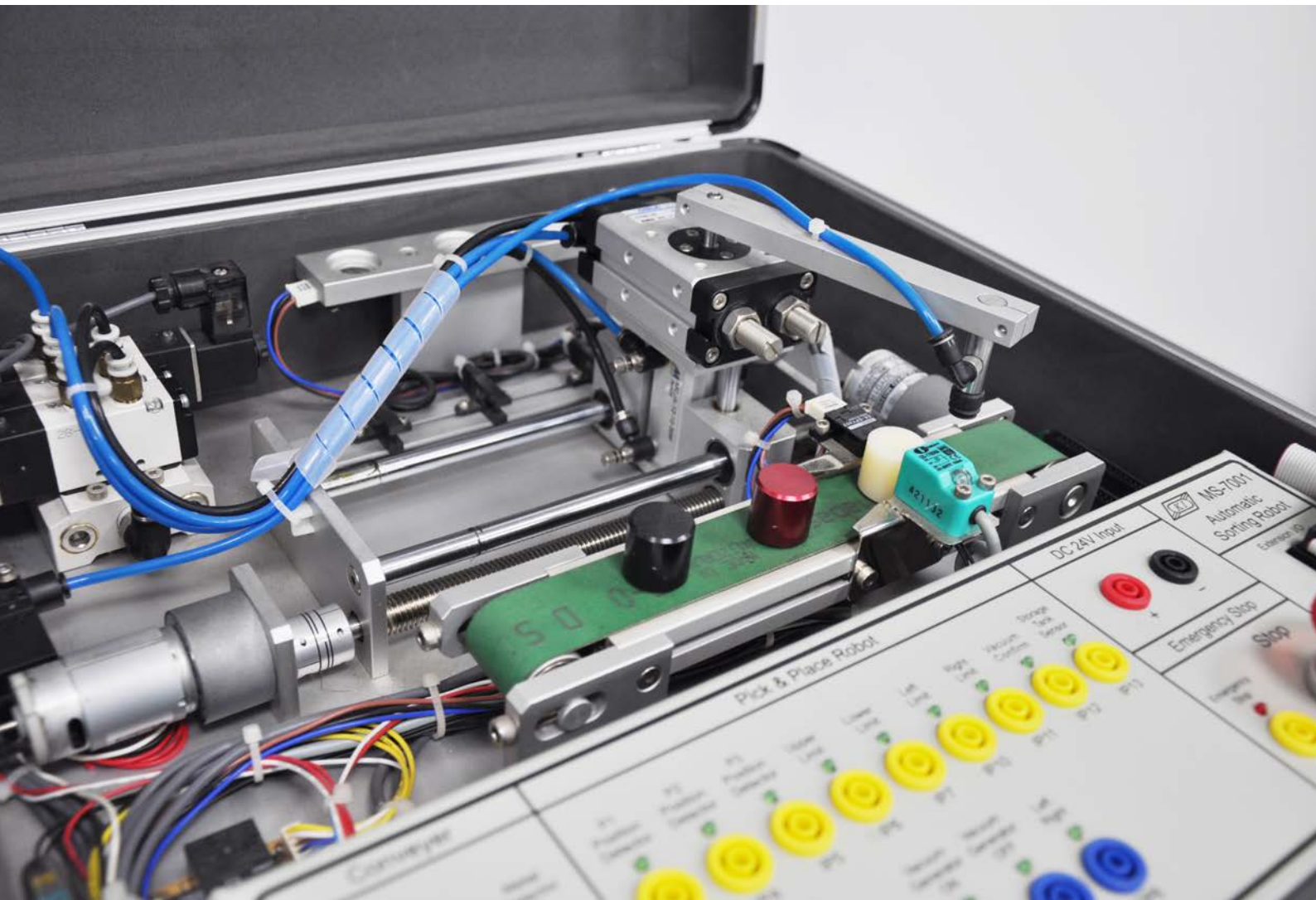




MS-7200/MS-7400/MS-7500/MS-7600 Portable Mechatronics Training System

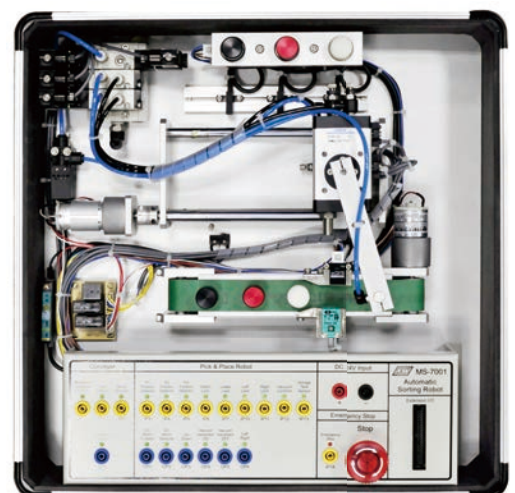
MS-7200/ MS-7400/ MS-7500/ MS-7600 each contains two independent mechatronics training modules. They are automatic sorting robot and linear positioner. These two modules can be controlled by PLC-200/ MS-C100/ PLC-220/ PLC-310 directly or by other PLC systems through its digital input and output ports on the control panel. Each module is fully assembled in its own storage case and ready for immediate use, suitable for the school environment.

The innovative design and flexible learning system in the series allow students to practice control technology as well as build solid knowledge in factory automation control.



MS-7001 : Automatic Sorting Robot

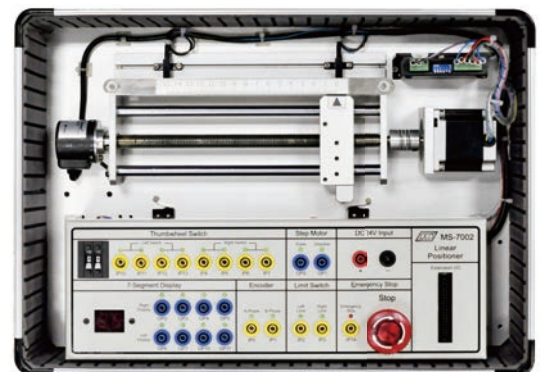
- Integrated Design : A combination of the slide motor, slide table, vacuum generator, solenoid valves, the pickup arm, belt conveyer and storage module for practicing workpiece sorting and workpiece loading / unloading control.
- Input Protection : Optocoupler input protection for all inputs.
- Output Protection : Relay output protection for all outputs.
- Using 4mm safety plugs and sockets for terminal connections of devices to ensure the physical safety of users.





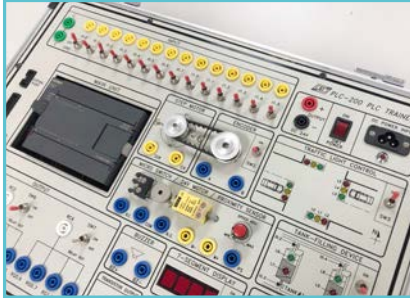
MS-7002 : Linear Positioner

- Integrated Design : A combination of step motor, motor driver, slide table mechanism, encoder, thumbwheel switch, 7-segment display and coupling for linear position control.
- Input Protection : Optocoupler input protection for all inputs.
- Output Protection : Relay output protection for all outputs.
- Using 4mm safety plugs and sockets for terminal connections of devices to ensure the physical safety of users.



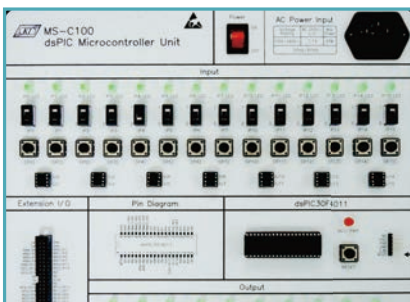
There are four kinds of control units available in the system for users to learn different controls.

Each model offers at least ten training courses, beginning from learning the characteristic of every mechatronic components to controlling of the whole mechatronic system.



PLC-200

PLC main unit : SIEMENS SIMATIC S7-224
Digital input : 14
Digital output: 10



MS-C100

MCU : dsPIC30F4011 (ISP circuit included)
Input : TACT switch x14, Slide switch x14,
Indicator LED x14, Photocoupler IC x14
Output: Indicator LED x10, Photocoupler IC x10



PLC-220

PLC main unit : SIEMENS SIMATIC S7-1214C
Digital input : 14
Digital output: 10
Industrial Ethernet Cable
STEP 7 (TIA Portal) Basic Software CD



PLC-310

PLC main unit : MITSUBISHI FX_{3UC}-32MT
Digital input : 16
Digital output: 16
USB-422 Cable

Product Combination

