

Product Name :
Industrial Local Networks Study Bench**Product Code :**
ELTC0120**Description :**

Industrial Local Networks Study Bench

Technical Specification :

The practical training of industrial automation network is based on the control system based on the integrated automation PLC. The industrial automation training platform, which is in view of the higher education and vocational and technical education and the development of comprehensive training equipment, applicable to all types of vocational school (courtyard) mechanical and electrical integration, automation and other professional teaching and engaged in related professional and technical personnel training. The system not only can be used as the teaching training system for automation and network, but also can be used as a teacher machine in the network classroom with subsystems.

Industrial automation network integration training is in an automated network communication training as the main body, the organic fusion of PROFIBUS fieldbus, the MPI bus, industrial WIFI network, PLC, Siemens PLC and WINCC,.net, standard transmission, remote I/O, touch screen and electrician, electric power drag and various training content, realize the education resource sharing, optimized the experimental teaching management.

II. System characteristics

1, network structure is clear: the equipment according to the subordinate network level in the experimental stage to decorate, can be in the modern enterprise "field control layer", "process monitoring layer", "enterprise management" three network hierarchy clear, intuitive show in front of the students, to facilitate students grasp the layers of network structure on the whole as well as a variety of network level and function of the device belongs.

2, strong systemic: this platform will be 300 industrial computer, Siemens PLC, PLC, remote I/O 200, touch screen, frequency converter and other industrial field combination of main equipment, the realistic simulation of various of industrial field control way, causes the student to be able to automatic control of systematic study.

3, equipment, openness, extensibility: teachers can need according to his own teaching is convenient, rapid replacement of major equipment, and can be realized by Ethernet and PROFIBUS bus third party equipment hook up.

4, close to the actual: the equipment of the training contents are the mainstream technology for industry application, to adapt to the development of modern control technology, can meet the students to do experiments, curriculum design, graduation design needs and the needs of the school to undertake engineering.

5, outstanding training: system USES mobile mesh plate and the combination of hanging box, can be convenient for all kinds of small engineering project design, full exercise the student's beginning ability and the comprehensive ability to solve the problem. The input and output of PLC main input and output tape terminal or detachable terminal and external test interface board and plug wiring can be used for practical training

6. Flexible structure: the column adopts special die industrial profile, the surface adopts imported Dutch powder sapphire and blue spray treatment, and the practical training screen adopts special die industrial aluminum profile slide. Each equipped with a metal spraying tool to cook a modular structure, hang box replacement convenient, system use and combination more flexible, can meet the requirements of various content such as experiment and practical training.



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