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Electro-hydraulic and Electro-hydraulic Servo System

Electro-hydraulic Transmission Trainer

PN:0401040010

Electro-hydraulic and Electro-hydraulic Servo System Trainer is a professional platform for hydraulic circuit experiments,hydraulic application,hydraulic drive, electro-hydraulic servo system, electro-hydraulic proportional system experiments,hydraulic pump and valve test and hydraulic curriculum design.Electro-hydraulic and Electro-hydraulic Servo System Trainer is especially suitable for students,scholars, experts, engineering and technical personnel in hydraulic discipline to build their own multi-unit integrated design experiments of hydraulic transmission,computer-aided testing system,programmable control system and computer control system in colleges and vocational schools with a variety of hydraulic components modules and programmable controller module.Electro-hydraulic and Electro-hydraulic Servo System Trainer can meet the teaching of the hydraulic disciplines for teaching and training of:

Electro-hydraulic and Electro-hydraulic Servo System Trainer

Main Features

- 1,steel frame structure, platform bench, foundation stability, stiffness, no distortion, no vibration. Built-in low noise gear pump hydraulic pump station; with precision oil filter, providing a constant voltage source, a constant current source.
- 2, The proportional servo valve adopt imported brands industrial components and industrial design
- 3, Touch screen, PLC module with high-speed computing capabilities.
- 4, Reliable, and safe.

Electro-hydraulic and Electro-hydraulic Servo System Trainer

Typical Experimental Contents

1. To learn electro-hydraulic proportional principle and electro-hydraulic servo control principle .

2. The proportion of electro-hydraulic and electro-hydraulic servo control system assembly training.
3. PLC programming and control experiments (training).
4. System fuel tank conditions open-loop demo.

Electro-hydraulic and Electro-hydraulic Servo System Trainer Main Technical Parameter

Items	Specification
System Flow	15L/min
System Pressure	5MPa
Working Pressure	2MPa
Motor Speed	1500rpm
Control Mode	electro-hydraulic
Power Voltage	380V
Control Voltage	220V
Solenoid Valve Voltage	DC24V
Cooling Tank	150L
Bench Dimension	1320*980*1090mm
Weight	200Kg

Electro-hydraulic and Electro-hydraulic Servo System Trainer Configuration list

Nos	Items	Qty
1	Pump motor group	1pcs
2	Hydraulic servo valve	1pcs
3	Electro-hydraulic proportional relief valve	2pcs
4	Electromagnetic relief valve	1pcs
5	Solenoid directional control valve	2pcs
6	Servo cylinder	1pcs
7	Rack fuel tank	1pcs
8	Swing cylinder	1pcs
9	Pressure sensor	2pcs
10	Touch screen	1pcs
11	PLC (with expansion module)	1pcs

*Products and configuration list described herein are subject to changes without notice.