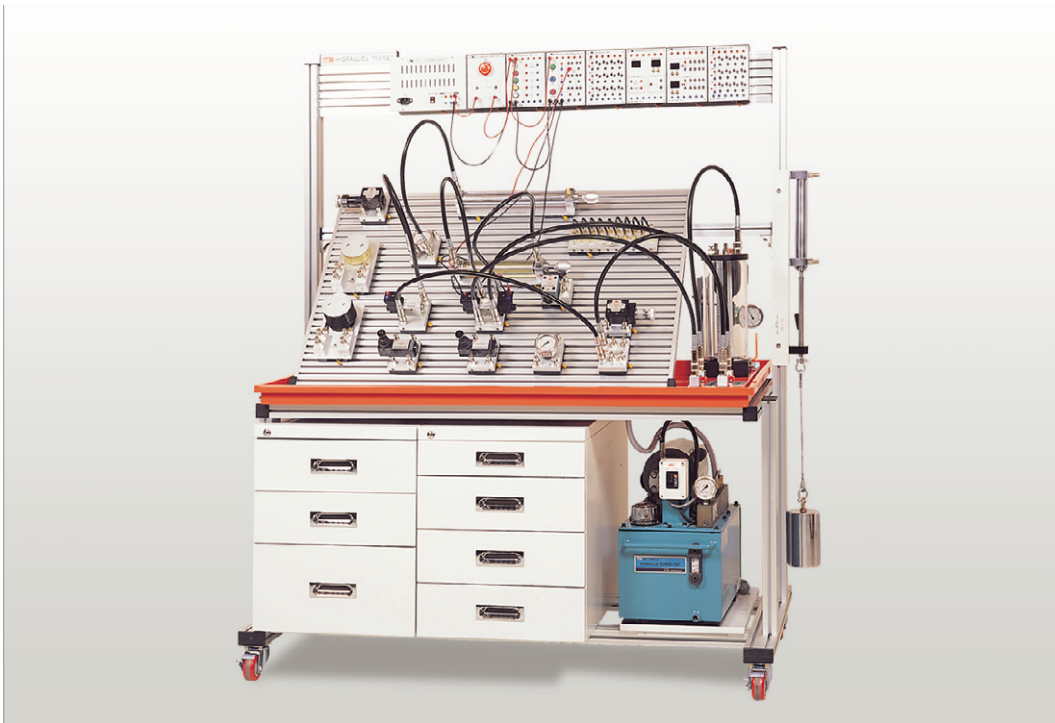


HYDRAULICS TRAINER

ED-7960

- Convenient parts fixation by 'one-touch lever' bases and aluminum profile structure
- Efficient space utilization by mounting parts horizontally/vertically
- 64 hydraulic and electrical/electronic parts plus 20 types of optional components.
- Various hydraulic devices and components for Flexible Manufacturing System



> EXPERIMENTS

- Overview of hydraulic technology and hydraulic system
- Functions and applied examples of various hydraulic components
- Functions and applied examples of various hydraulic components
- Basic circuits in use of directional control valves (5 circuits)
- Emergency stop circuit using 4/3-Way Directional Control Valve
- Position control using Pilot Check Valve
- Principles of automatic control(differential control)
- Structure and principles of Sequence Valve
- Speed/position control of hydraulic cylinders
- Meter-in/Meter-out flow control
- Time characteristics circuits(2 circuits)
- Hydraulic sensor control circuits(2 circuits)
- Flow resistance and measurement
- Principles of electrical engineering
- Electrical components and characteristics of hydraulic circuits
- Basic circuits in use of various solenoid valves(4 circuits)
- Automatic control circuits in use of solenoid valves(4 circuits)
- Applied electro hydraulic circuits(5 circuits)
- PLC control based application circuits(2 circuits)

> CONFIGURATION

- Common Equipment & Component Requirements(HT-7961)
- Components of Hydraulic Control(HT-7962)
 - » Essential Components(HT-7962-1)
 - » Additionally Recommended Components(HT-7962-2) [OPTION1]
- Components of Electro Hydraulic Control(HT-7963)
 - » Essential Components(HT-7963-1)
 - » Additionally Recommended Components(HT-7963-2) [OPTION2]
- Experimental Support Teaching Materials [OPTION3]
- Others [OPTION4]

