



The hydraulics trainers FH-100 are consist of actual industrial grade hydraulics components and parts which are commonly apply and used in industrial field. It is classified into basic level training experiments.

It is easily customizable in modular format for the logical analysis of electrics circuits, design and wiring in hydraulics and electro-hydraulics training experiments, which is included electric control for hydraulics sequence control.

It uses a standard plug-in profile panel for common use of all the training set. Each part could be horizontally or vertically attached and detached on the profile panel without any tools.

Features:

- Modular design allows modifications to suit needs/requirements of the course/students.
- Custom sizes for the modular-board can also be provided upon request.
- Additional modular components can are also available separately should the need arise.
- Comes with high quality industrial grade components complete with quick release coupling mounted ready for use.
- All modules complete with male quick release coupling

Component List

No	Description	Part Number	Qty
1	Plug Board Experiments Panel (600mm x 700mm)	100-101	1
	Complete With:		
i	Built-in Pressure Manifold Module	100-102	1
ii	Built-in Tank Manifold Module	100-103	1

2	Power Pack Unit	200-200	1
	Complete With:		
i	1HP Single Phase Electric Hydraulic Motor Module	200-201	1
ii	Gear Pump	200-202	1
iii	5 Liters Reservoir Tank	200-214	1
ix	Hydraulic Oil	200-215	1
3	24VDC Portable Power Supply	200-104	1
4	Ball Valve Module	200-101	1
5	Pressure Gauge (0~150Bar / 0~3500psi)	200-102	2
6	4/3 Way Manual Control Valve C/W Built-In Relief Valve Module	200-103	1
7	Double Acting Hydraulic Cylinder Module	200-104	1
8	T-Joint Module Complete with Quick Release Coupling	200-105	2
9	Flexible Hydraulic Hose come with Female Quick Release Coupling	200-301	7
10	Flexible Hydraulic Transparent Suction Spring Return Hose come with Female Quick Release Coupling	200-304	1

Courseware and Accessories

No	Description	Part Number	Qty
1	Instruction Manual With Collection Of Circuit Exercises	200-001	1
2	Hydraulic Simulation Software (Optional)	200-050	1
3	Programmable Logic Controller Trainer - 14 I/O (Optional)	200-060	1

Note: Specification, Layout & Design May Change Without Prior Notices For Continuous Products Upgrading and Development Process.