



## Product Overview

The Double-Sided Electro-Hydraulic Trainer Kit is an advanced industrial training platform designed for practical learning of electro-hydraulic actuation, measurement, and control. It supports hands-on experimentation with proportional valves, sensors, pressure controls, sequencing, flow regulation, and PLC-based electro-hydraulic operations.

Engineered with industrial-grade components, the system simulates real-world hydraulic operations, providing trainees with a comprehensive understanding of modern electro-hydraulic technology.

## Key Features of the Trainer System

- Hose lines with quick-release couplings: **600 mm, 1000 mm, 1500 mm**
- Safety laboratory cables: **106 pcs (red, blue, black)**
- Advanced-level hydraulics measurement & control module with dedicated software
- Displacement encoder: **200 mm stroke**
- Cylinder mounting kit
- **4/3-way proportional valve**
- **Proportional pressure relief valve**
- Pressure filter: **5 µm**
- **4/3-way regulating valve**

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



Export Sales: +91-9829132777  
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- Robust, double-sided trainer structure
- Integrated modules for sequencing, counterbalancing, flow, directional and pressure control circuits
- Electro-hydraulic control module with PLC
- Pre-configured panels for smooth solenoid valve actuation

### Operating Features

- Industrial-grade valves, fittings, actuators, and solenoids
- Quick-coupling hydraulic connections for fast setup
- Components rated for **up to 250 bar** operating pressure
- High-strength steel frame with smooth finish
- Integrated pressure relief valve for system protection
- Mobility provisions for easy handling
- Cleanly arranged circuit layouts supporting fault diagnosis and experimentation

### Hydraulic Power Unit Specifications

- Equipped with quiet, positive-displacement hydraulic pump(s)
- Elevated hydraulic reservoir for improved airflow and heat dissipation
- Oil cooler included for temperature stability
- Suction strainer and return filter with bypass system
- Return filter rating: **≥ 25 µm**
- Magnetic drain plug for contamination capture

### General Compliance and Performance

- Designed to execute linear and rotary electro-hydraulic operations
- Conforms to modern material and design standards
- All components are brand new, current-model, and factory-certified
- System suitable for technical education and industrial skill development
- Warranty begins immediately after commissioning

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**Scope of Supply**

Description	Quantity
Electro-Hydraulic Trainer Kit with complete accessories	1 No.
Operating Manuals (English, hard & soft copies)	2 Sets
Service & Maintenance Manuals (English, hard & soft copies)	2 Sets
Spare Parts & Workshop Manuals (English, hard & soft copies)	2 Sets
Electro-Hydraulic Trainer Book with Exercises	2 Sets
Mechanical Toolboxes with Standard & Special Tools	2 Sets

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