

HYDRAULIC / ELECTRO-HYDRAULIC TRAINING SET

Model Number : GOTT-HYD-EHYD

**DESCRIPTION :**

The construction set electro-hydraulic is design appropriate for training in electro - hydraulic control technology. With this construction set the student get to know the basic and advanced circuits of electrohydraulic original industrial elements NG6 / CETOP 03 / NFPA D03 on adapter plates.

BASIC HYDRAULIC TRAINING SET

Model Number : GOTT-HYD-BASIC-01

No	Contents	Model	Qty.	No	Contents	Model	Qty.
1	Operate panel		1	13	Single direction sequence valve	MHA-01	1
2	Operate basic panel		1	14	Hydraulic control valve	MPCV-02	1
3	"O" 4/3 way manual direction change valve	4WMM4E-W	1	15	Double acting cylinder	DL-D40	1
4	Cabinet	Wood	1	16	Pressure gauge	DL-Y60	1
5	"M" 4/3 way manual direction change valve	4WMM4DC-T	1	17	Hydraulic station	DL-VP-12	1
6	3/2 way manual direction change valve	4WMM4G-W	1	18	Tube	600	1
7	4/2 way manual direction change valve	4WMM4DA-T	1	19	Tube	1000	1
8	Direct-acting relief valve	MRV-02-P	1	20	Simulation software	PS-5A	1
9	pilot throttle valve	DB10/10	1	21	Power unit		1
10	Single direction valve	KC-02	1	22	Manual		1
11	Single direction throttle valve	S6A	1	23	Equip tools		1
12	Relief valve	MBRV-02	1	24	Training guidebook		1

EXPERIMENT TOPICS :

- Physical principle of hydraulic
- Function of hydraulic valve and device
- Feature of hydraulic pressure and flow rate
- Designing hydraulic circuit
- Basic hydraulic control system
- Flow control valve (Meter-in, Meter-out)
- Hydraulic motor and control circuit
- Pressure sequence circuit
- Step of drawing control circuit
- Feature and function of hydraulic accumulator
- Pressure loss in pipe

RECOMMENDED OPTION :

- Teach ware
- Software
- Hydraulic transparent model