

ELECTRO-HYDRAULIC TRAINING SET, ADVANCED LEVEL

Model Number : GOTT-EHYD-ADV-01

No.	Contents	Order No.	Qty.	No.	Contents	Order No.	Qty.
1	Relay, 3-fold	13030	2	13	One-way flow control valve	15061	1
2	Push-button switch set	13033	1	14	Pilot actuated check valve	15062	1
3	Electrical distributor	13034	1	15	Check valve(1bar)	15064	1
4	Limit switch electrical left-actuated	13051	2	16	Check valve(5bar)	15065	1
5	Limit switch, electrical, right-actuated	13052	2	17	T connector	15066	8
6	Cable set	13080	1	18	Pressure gauge	15070	3
7	Power supply	13090	1	19	4/2-way single solenoid valve	16012	1
8	Weight	15022	1	20	4/3-way double solenoid valve (All block)	16014	1
9	Double-acting cylinder	15031	1	21	Hose,1500mm	15090	2
10	Hydraulic motor	15035	1	22	Hose,1000mm	15091	8
11	Pressure relief valve(directly controlled)	15050	2	23	Hose,600mm	15092	8
12	Pressure compensating flow control valve	15053	1				

EXPERIMENT TOPICS :

- Basic principle of electro-hydraulic
- Function of electro-hydraulic training set
- Electro-hydraulic control circuit
- Relay control circuit
- Electric self holding circuit
- Composing control system
- Count balance circuit
- Pressure compensative flow control valve
- Sequence and emergency circuit
- Application of hydraulic circuit
- Manual, auto, memory circuit
- Speed control circuit
- Fault finding in electro-hydraulic control system

PROPORTIONAL HYDRAULIC TRAINING SET

Model Number : GOTT-HYD-PRO-01

No.	Contents	Order No.	Qty.	No.	Contents	Order No.	Qty.
1	Pressure gauge	15070	2	13	Proportional amplifier	18002	1
2	2-way flow control valve	15060	1	14	Setpoint control card	18001	1
3	One-way flow control valve	15061	1	15	4/2-WAY solenoid valve	16012	1
4	T connector	15066	2	16	4/3-WAY proportional control valve	18012	2
5	Pressure relief valve (directly controlled)	15050	1	17	Proportional pressure relief valve	18006	1
6	Double acting cylinder	15031	1	18	Inductive sensor	13040	1
7	Hydraulic motor	15035	1	19	Hose 1500mm	15090	2
8	Pressure filter	18008	1	20	Hose 1000mm	15091	8
9	Weight	15022	1	21	Power supply	13090	1
10	Pressure compensation valve	18009	1	22	Cable set	13080	1
11	Relay(3-fold)	13030	1	23	Digital multimeter	21012	1
12	Push-button switch set	13033	1				

EXPERIMENT TOPICS :

- Feature of setpoint control card
- Principle of proportional amplifier
- P,I,D parameter
- Feature of Proportional control valve
- Proportional pressure relief valve for pressure setting
- Pump control circuit
- Multi step speed control
- Pressure control circuit
- Emergency circuit
- Mid-position control circuit
- Acceleration control circuit