

PNEUMATIC / ELECTRO-PNEUMATIC TRAINING SET

Model Number : GOTT-PNE-EPNE

**DESCRIPTION :**

The Pneumatic Trainer may be supplied on a working table or as a tabletop unit. In addition, it may be equipped with an integral power supply and compressor for use in locations that are not rigged for plant air. This affordable, yet in-depth, training system can improve skills and increase knowledge within industrial training programs or within the educational setting.

This integrated hands-on training aid introduces students to basic principles of pneumatics and compressed air devices. This unit allows for the bread-boarding of numerous pneumatic circuits to illustrate a wide selection of pneumatic circuits along with the associated lab manual and instructor guide. This creates a learning experience that provides a complete and practical introduction to pneumatic technology.

BASIC PNEUMATIC TRAINING SET

Model Number : GOTT-PNE-BASIC-01

No.	Contents	Order no.	Qty.	No.	Contents	Order no.	Qty.
1	Service Unit	12101	1	16	Quick exhaust valve	12303	1
2	Air distributor	12201	1	17	Pressure gauge	12304	2
3	Single acting cylinder	12210	1	18	3/2-WAY valve air-act, spring-return	12329	2
4	Double acting cylinder	12220	4	19	3/2-WAY valve air-act, spring-return	12330	2
5	Pressure sequence valve	12300	1	20	5/2-WAY valve air-act, spring-return	12331	2
6	Time delay valve (N/C)	12310	2	21	5/2-WAY valve air-act, air-return	12332	8
7	Time delay valve (N/O)	12311	1	22	4/2-WAY valve air-act, air-return	12336	8
8	Pressure release valve	12301	1	23	4/3-WAY manual valve	12337	1
9	3/2-WAY valve (N/C PUSH-BUTTON)	12320	2	24	Dual-Pressure (AND) valve	12350	6
10	3/2-WAY valve (N/O PUSH-BUTTON)	12321	1	25	Shuttle (OR) valve	12351	6
11	3/2-WAY valve select S/W	12325	2	26	Counter	12305	1
12	5/2-WAY valve select S/W	12322	1	27	Plastic hose (1M)	12290	100
13	3/2-WAY L/S valve	12340	8	28	T-connector	12280	30
14	3/2-WAY directional L/S	12341	2	29	Spare parts	12270	1
15	One way flow control valve	12302	6	30	Hose cutter	12291	6

EXPERIMENT TOPICS :

- Components of automatic system
- Producing and distribution of compressed air
- Sort and structure of pneumatic parts
- Logical parts and control diagram
- Basic pneumatic control
- Pneumatic sequence control circuit
- Safety of the pneumatic system

RECOMMENDED OPTION :

- Teachware
- Software