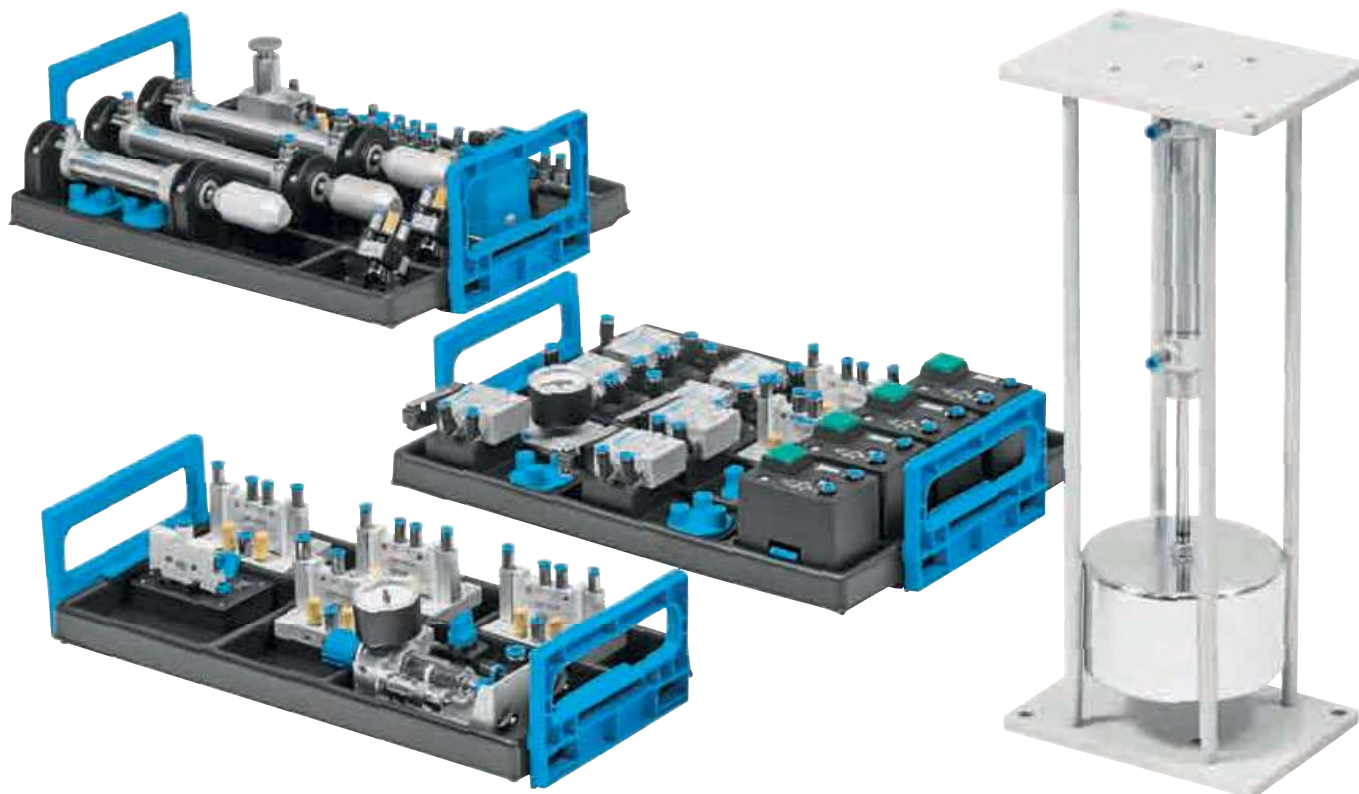


BIBB pneumatics equipment set

Suitable for BIBB pneumatics course



BIBB pneumatics 2007/2008

The new edition of the “Pneumatic control technology” training course is recommended and published by the Bundesinstitut für Berufsbildung (BIBB, German Federal Institute for Vocational Education and Training).

Festo Didactic offers the suitable equipment set for this course.

The 2007/2008 edition contains a few new additions compared with the 1999 edition:

- Piloted non-return valves to stop pneumatic drives in any position in case of a drop in pressure.
- Pneumatic proximity sensors as a modern alternative to roller lever valves for cylinder sensing.
- Getting started in vacuum technology: vacuum generation with a venturi nozzle/laval nozzle and simple handling with suction grippers.

The Festo Didactic Advantage

A CD-ROM complete with all circuit diagrams for all the exercises and activities is an integral part of the scope of delivery. These are in CT file format for FluidSIM® Pneumatics and in PDF file format.

It goes without saying that all equipment set components are compatible with the Festo Didactic training package components.

This means you can either supplement your TP 101 with the BIBB pneumatics equipment set or your BIBB pneumatics equipment set with the TP 101.

A wealth of information on the basic principles of pneumatics!

Also order:

Pneumatic control technology – exercises for trainees

Recommended and published by the Bundesinstitut für Berufsbildung (BIBB, German Federal Institute for Vocational Education and Training).

In addition to 11 exercises, which require the BIBB pneumatics equipment set, the following topics are also included:

- Compressed air generation
- Basic terms in control technology
- Servicing
- Maintenance
- Inspection
- Repair procedure
- Fault finding/analysis/documentation

Pneumatic control technology – exercises and solutions

Recommended and published by the Bundesinstitut für Berufsbildung (BIBB) (German Federal Institute for Vocational Education and Training).

The “Pneumatic control technology, exercises for trainees” book contains questions for trainees about the 11 exercises, as well as the solutions and circuit diagrams.

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de 90070

Complete equipment set BIBB pneumatics in equipment tray	549840
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The most important components at a glance:

1	3x 3/2-way valve with pushbutton actuator, normally closed	152860
2	1x 3/2-way valve with pushbutton actuator, normally open	152861
3	3x 3/2-way roller lever valve, normally closed	152866
4	1x 3/2-way valve, pneumatically actuated at one end	576302
5	1x 5/2-way valve, pneumatically actuated at one end	576307
6	3x 5/2-way double pilot valve, pneumatically actuated at both ends	576303
7	1x 5/3-way valve, mid-position closed	576304
8	1x Pneumatic timer, normally closed	540694
9	1x Pressure sequence valve	152884
10	1x Shuttle valve (OR)	539771
11	3x Dual-pressure valve (AND)	539770
12	1x Quick-exhaust valve	539772
13	2x One-way flow control valve	193967
14	2x Non-return valve, delockable	540715
15	2x Proximity sensor, pneumatic, with cylinder attachment	2764815
16	1x Suction gripper, 10 mm diameter	560158
17	1x Vacuum generator	548628
18	1x Single-acting cylinder	152887
19	2x Double-acting cylinder	152888
20	1x Driving/tractive load	152889
21	1x Pressure gauge	152865
22	1x Start-up valve with filter control valve	540691
23	1x Manifold	152896
24	2x Plastic tubing, 4 x 0.75 silver 10 m	151496

Accessories, also order:

Aluminum profile plate → Page 39

Compressor → Page 136

Supplementary media

- WBT Pneumatics
- FluidSIM® Pneumatics design and simulation program
- Cutaway model case
- Set of posters on pneumatics
- Textbook: Pneumatics, Basic level
- Workbook: Pneumatics, Basic level TP 101
- Workbook: Pneumatics, Advanced level TP 102
- GRAFCET drawing template

