

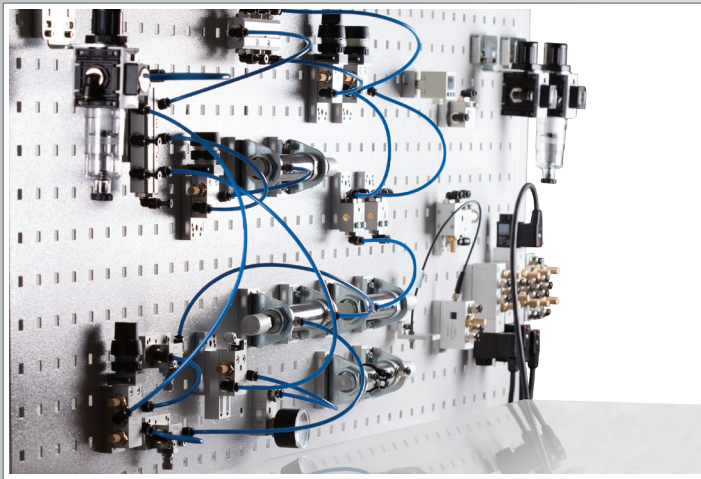
A detailed photograph of a pneumatic training set mounted on a perforated metal plate. The setup includes several solenoid valves, two large double-acting cylinders, and a smaller single-acting cylinder, all interconnected by a network of blue pneumatic lines. A pressure gauge is visible at the bottom left. The background is a clean, light-colored surface.

HAFNER
pneumatic

**HAFNER PNEUDACTIC
PNEUMATIC TRAINING SETS**

HAFNER PNEUDACTIC

The HAFNER pneudactic training sets have been developed to educate students or employees in the basics of the use of pneumatic components and systems. Elements can easily be changed and adapted to individual needs. The panel and fixing elements are also available separately so that the customers can define the components themselves or add additional products later on.



Product Highlight:
Profile cylinder with transparent housing



PRE-DEFINED SETS

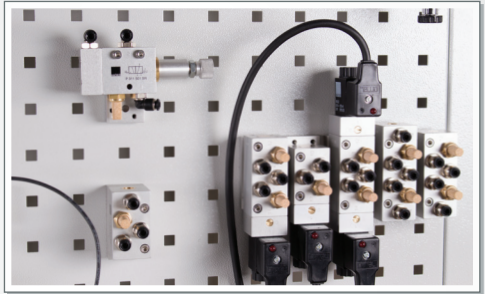
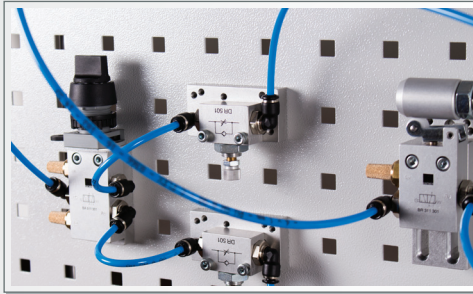
VALVES

CYLINDERS

FRL-UNITS

FITTINGS

TUBES



HAFNER OFFERS 5 PRE-DEFINED SETS
FROM A PURE PNEUMATIC BOARD TO ELECTRIC BOARDS WITH PLC-CONTROL

HPD E SET

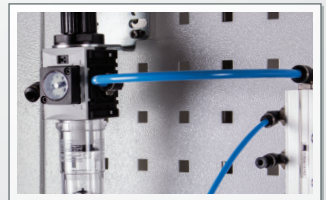
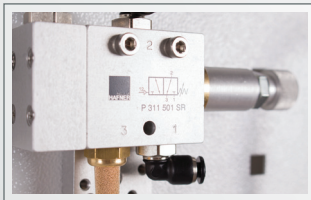
Pure pneumatic board, 1000 x 481 mm

HPD C SET

Including electric components, 1500 x 481 mm








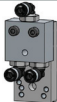













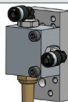






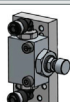






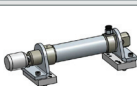






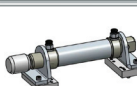













HPD M SET

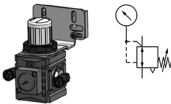
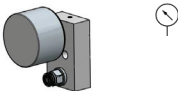





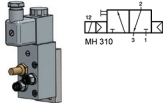
Including electric components and PLC control - 3 variants available! 1500 x 481 mm

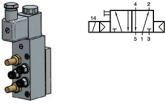
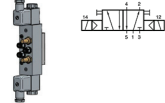

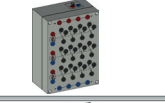





PRE-DEFINED SETS: DELIVERY CONTENT

		HPD M SET			HPD C SET	HPD E SET
		SET3	SET2	SET1		
HPD-PLH-__						
Panel		•	•	•	•	•
HPD BA 311 301		• • • •	• • •	•	•	•
HPD BA 511 301		•	•	•	•	•
HPD BA 311 301 01		•	•	•	•	•
HPD BR 311 301		• • •	• •	•	•	•
HPD P 311 501 SR		•	•	•	•	•
HPD P 310 502		• • • •	• • •	•	•	•
HPD P 510 502		•	•	•	•	•

		HPD M SET			HPD C SET	HPD E SET
		SET3	SET2	SET1		
HPD P 520 502	 					
HPD VA 401	 					
HPD ES 401	 					
HPD SE 501	 					
HPD DR 501	 					
HPD REM 25/50	 					
HPD RIM 25/50	 					
HPD KFRG-014/8 G HA	 					

		HPD M SET			HPD C SET	HPD E SET
		SET3	SET2	SET1		
HPD KREG-014/8 G		•	•	•	•	•
Pressure regulator with gauge, 8 bar						
HPD G 40.10 R		• •	•	•	•	•
Pressure gauge, 8 bar						
HPD A-06048-1/4-1/8-3		• •	• •	•	•	•
Distribution manifold						
CPU 4/2 K		50m	50m	50m	50m	50m
Polyurethane tube, 4/2, blue						
HPD BES 516 M8		• •	•	•	•	-
Inductive sensor						
HPD RXP 25		• • • •	• • • •	• •	•	-
Proximity switch & mounting bracket						
HPD DIL 32/100 PLX		•	•	•	•	•
Double acting ISO 15552 cylinder, transparent body, including regulators, max. 2 bar						
HPD MH 310 502		•	•	•	•	-
3/2-way solenoid valve, spring return						

		HPD M SET			HPD C SET	HPD E SET
		SET3	SET2	SET1		
HPD MH 510 502		●	●	●	●	-
5/2-way solenoid valve, spring return						
HPD MH 520 502		● ●	●	●	●	-
5/2-way solenoid valve, bistable						
HPD PR02 P 02 P1		●	●	●	●	-
Digital pressure switch						
HPD EB D		●	●	●	●	-
Operating and relay box						
HPD EB R		●	●	●	-	-
Relay box						
HPD EB P D/IO		● +analog in and output +WiFi module	● +analog in and output	●	-	-
PLC operator box with digital in- and output						
HPD SVK1000 SIL R		15 pc.	15 pc.	15 pc.	5 pc.	-
Test lead ø 4 mm, red						
HPD SVK1000 SIL B		15 pc.	15 pc.	15 pc.	5 pc.	-
Test lead ø 4 mm, blue						
HPD SVK1000 SIL S		40 pc.	35 pc.	35 pc.	15 pc.	-
Test lead, ø 4 mm, black						



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