

# PNEUMATE-200

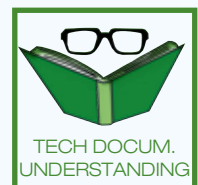
Your mate in Pneumatics!

The compact trainer to help users discover more about pneumatic and electro-pneumatic technologies.



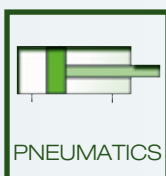
Develop the SKILLS...

Light and portable!  
Ready for use anytime anywhere.



5 options available

In the following TECHNOLOGIES...





### ■ PNEUMATE-200 - Your mate in Pneumatics!

This didactic equipment is comprised of a panel with pneumatic and/or electro-pneumatic components depending on the option selected.

The panel is printed with the standardized symbols of each of the components for easy identification. Furthermore, both the pneumatic and electro-pneumatic components come with rapid connections to speed up the practical exercises undertaken with the equipment.

PNEUMATE-200 also includes the necessary complements such as pneumatic tubing, tube cutter, tube extractor, fitting, plugs, connection cables and mains plug. Its interchangeable accessories (feeder-stamper, sliding door and ends of stroke) allows the user to start up examples of real applications using these technologies.

PNEUMATE-200 includes full documentation provided with:

- User manual.
- Multimedia application which includes:
  - Self-learning course with 163 slides.
  - 12 self-assessment tests.
  - Interactive practical exercises
  - 3D simulation of all components.



PNEUMATE-200 is available in 5 options:



#### • OPTION A: Discovering pneumatic technology

Equipment for training in basic pneumatics (without case). Also included:

- Complete documentation
- Accessories

• SAI2702 PNEUMATE-200 Option A + documentation EN (manual and multimedia application)

#### • OPTION B: Air combines with electricity!

Basic pneumatics and electro-pneumatics training equipment (without case). Also included:

- Accessory for the electric and pneumatic ends of stroke
- Complete documentation
- Accessories



• SAI2712 PNEUMATE-200 Option B + documentation EN (manual and multimedia application)



#### • OPTION C: Discover the applications of this technology!

Advanced pneumatics and electro-pneumatics training equipment (without case). Includes:

- Accessory for the electric and pneumatic ends of stroke
- Sliding door accessory
- Loader-stamper accessory
- Complete documentation
- Accessories



• SAI2722 PNEUMATE-200 Option C + documentation EN (manual and multimedia application)

• **OPTION D: Ensure that it is always at your side**

Advanced pneumatics and electro-pneumatics training equipment (with case). Also included:

- Carrying case
- Silent compressor
- Accessory for the electric and pneumatic ends of stroke
- Sliding door accessory
- Loader-stamper accessory
- Complete documentation
- Accessories



• SAI2732 PNEUMATE-200 Option D + documentation  
EN (manual and multimedia application)



• **OPTION E: Special cascade control**

Equipment similar to option D, but supplied with a series of components required to enable cascade control. Also included:

- Carrying case
- Silent compressor
- Accessory for the electric and pneumatic ends of stroke
- Sliding door accessory
- Loader-stamper accessory
- Complete documentation
- Accessories

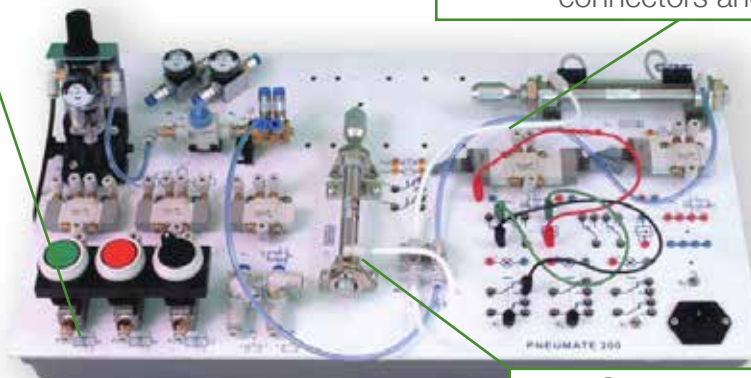
• SAI2742 PNEUMATE-200 Option E + documentation  
EN (manual and multimedia application)



■ **Common elements in all options**

Panel with components and screen printed symbols

Set of extras: 4mm pneumatic tube, tube-cutter, tube extractor, set of connectors and caps



Components with connectors for 4mm tube











Complete set of documentation with multimedia application





■ PNEUMATE-200 - With this system you could...

PNEUMATE-200 comes up with different practical activities targeting skills in the technologies featuring in the table (below).

TECHNOLOGIES	
	 PNEUMATICS
SKILLS	 ANALYSIS
	 TROUBLESHOOT.
	 DESIGNING
	 TECH DOCUM. CREATION
	 INSTALLATION AND ASSEMBLY
	 TECH DOCUM. UNDERSTANDING
	 OPERATION



eLEARNING-200

Find out more about the theory behind the technologies developed in PNEUMATE-200 with our eLEARNING-200 courses.

RELATED eLEARNING-200 COURSES

Principles of pneumatics (SMC-101)

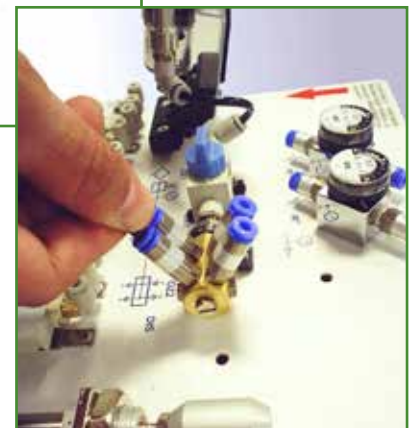
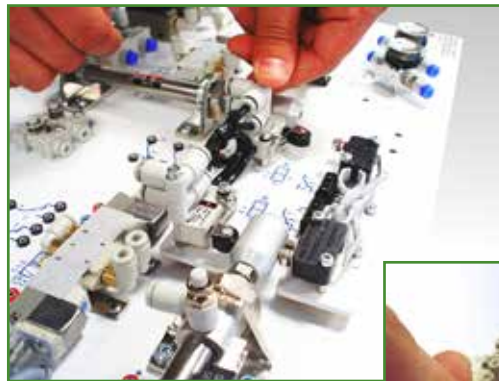
Introduction to electricity (SMC-102)

DC electricity (SMC-103)

AC electricity (SMC-104)

Solid state (SMC-105)

*\*See eLEARNING-200 chapter for more information*



■ This shows how the PNEUMATE-200 is suitable to develop skills in the specific technology.

■ This shows that PNEUMATE-200 can help develop skills in the specific technology even though there are other more appropriate products in the range.

## ■ PNEUMATE-200 - Options

PNEUMATE-200 has a series of optional extras.

- autoSIM-200

autoSIM-200 is software that can design and simulate pneumatic, electro-pneumatic, hydraulic circuits, etc. It is also used for programming them plus monitoring and control of pre-defined 2D and 3D models.

*\*See autoSIM-200 chapter for more information.*

## ■ PNEUMATE-200 - Technical features

Description	PNEUMATE				
	A	B	C	D	E
<b>Components</b>					
Filter-regulator with pressure gauge	1	1	1	1	1
Air distributor with manual valve	1	1	1	1	1
Pressure gauge	2	2	2	2	1
3/2 way manual valve operated by push-button	2	2	2	2	2
3/2 way manual valve operated by selector	1	1	1	1	1
Pneumatic valve "OR"	1	1	1	1	1
Pneumatic valve "AND"	1	1	1	1	1
5/2 way pneumatic single valve	1	1	1	1	1
5/2 way pneumatic double valve	2	2	2	2	2
Single acting cylinder	1	1	1	1	1
Double acting cylinder	2	1	1	1	1
Pneumatic end of stroke	3				
Speed controller in the cylinder	2				
Speed controller	2	2	2	2	2
Magnetic cylinder sensors.		2	2	2	2
5/2 way single solenoid valve		1	1	1	2
5/2 way double solenoid valve		1	1	1	1
24Vdc Power supply		1	1	1	1
Electric push button without locking		2	2	2	2
Electric push button with locking		1	1	1	1
Indicator light		3	3	3	3
Double contact relay		2	2	2	4
Timer					2
<b>Accessories</b>					
Pneumatic and electric ends of stroke set. Includes (x2) electric ends of stroke and (x2) pneumatic ends of stroke.		1	1	1	1
Sliding door set			1	1	1
Loader-stamper set. Includes (x1) double acting cylinder, (x2) electric ends of stroke and (x1) magnetic detector.			1	1	1
Silent compressor. Includes connection plug.				1	1
Metal case with lock				1	1
<b>Complements</b>					
Connection cables		1	1	1	1
Network plug		1	1	1	1
<b>Dimensions</b>					
530x300x150mm	x	x	x		
570x490x180mm				x	x

