

# VAC-200

Vacuum technology

Didactic equipment designed to develop skills in vacuum technology



Develop the SKILLS...

Complements the PNEUTRAINER-200 family with the most widely used vacuum components in industry.



The different parts of the VAC-200 are kept in its storage box.



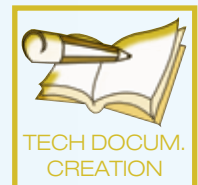
ANALYSIS



TROUBLESHOOTING



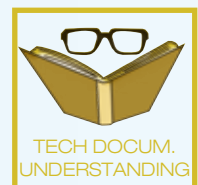
DESIGNING



TECH DOCUM.  
CREATION



INSTALLATION  
AND ASSEMBLY



TECH DOCUM.  
UNDERSTANDING



OPERATION

In the following TECHNOLOGIES...





## ■ VAC-200 - Vacuum technology

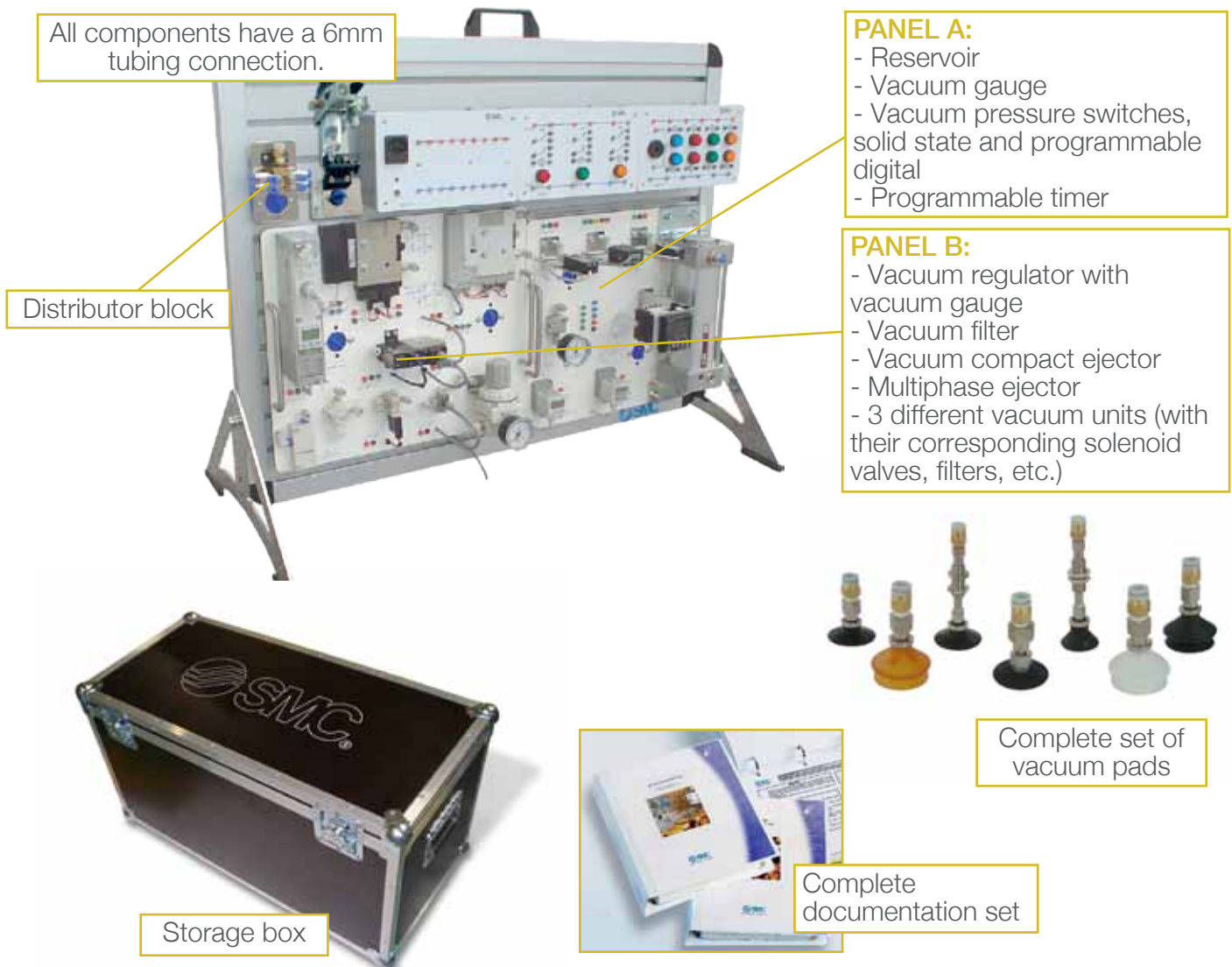
Given the increasing demand by companies for qualification in vacuum techniques, VAC-200 is designed, a didactic system specially devised for the development of skills related to this technology.

VAC-200 complements the PNEUTRAINER-200 (Pneumatics and electro-pneumatics trainer) family, including the most widely used vacuum components in industry.

The modular features of the equipment allow the user to design various configurations and to work on both sides of the panel, thus increasing the number of users who can carry out practical exercises at the same time.

## ■ Common elements in all options

All VAC-200 options include two modular panels that contain the most used vacuum components in the industry plus a complete set of vacuum pads and a storage box.

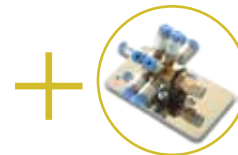


There are 2 options for VAC-200:

• VAC-200 for PNEUTRAINER-200 users

Where the client has a PNEUTRAINER-200 system, it is possible to just purchase the vacuum components (making the most of the PNEUTRAINER-200 parts required for running VAC-200).

- Panel A
- Panel B
- Complete set of vacuum pads
- 1 distributor block



• SAI2331 Vacuum trainer (without references of PNEUTRAINER-200)

• Complete VAC-200

Includes all the necessary parts and devices:

- Panel A
- Panel B
- Complete set of vacuum pads
- 1 air treatment unit
- 1 distributor block
- Flexible 6 mm tube
- Set of 10 "T" fittings
- Set of 10 plastic fittings
- Set of connection cables
- 1 tube cutter tool
- 1 power supply source
- 1 block of indicators (pilots + buzzer)
- 1 block of electric inputs (3 push buttons)
- 1 aluminium panel with feet for vertical positioning and handle (dimensions: 582 x x770 mm)











• SAI2330 Vacuum trainer with documentation



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

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

TECHNOLOGIES	
	 VACUUM
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 VAC-200 with our eLEARNING-200 courses.

**RELATED eLEARNING-200 COURSES**  
Principles of pneumatics (SMC-101)

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



- This shows how the VAC-200 is suitable to develop skills in the specific technology.
- This shows that VAC-200 can help develop skills in the specific technology even though there are other more appropriate products in the range.

## ■ VAC-200 - Options

VAC -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.*

## ■ VAC-200 - Technical features

Description	COMPLETE VAC-200 (SAI2330)	VAC-200 for PNEUTRAINER-200 users (SAI2331)
<b>Panel A (Dim: 310x330mm):</b>		
Foot mounted reservoir with non-return fittings	1	1
Solid state compact vacuum pressure switches	2	2
Vacuum pressure switch with fault prediction function	1	1
24 Vdc timer	1	1
Programmable digital vacuum pressure switches	2	2
Pressure gauge for vacuum	1	1
<b>Panel B (Dim: 310x370mm):</b>		
Multiphase vacuum ejector	1	1
Vacuum unit with ejector, valves, vacuum pressure switch and filter	1	1
Compact vacuum ejector	1	1
4/2 way direct operated micro solenoid valve	1	1
3/2 elastic runner solenoid valve	1	1
Vacuum module with ejector, valves, vacuum pressure switch and filter	1	1
Vacuum unit with ejector, timed valves, vacuum pressure switch and filter	1	1
Vacuum regulator with pressure gauge	1	1
Air suction filter for vacuum	1	1
<b>Set of vacuum pads:</b>		
Flat NBR vacuum pad with ridges	1	1
Silicone vacuum pad with gaiter	1	1
Urethane vacuum pad with gaiter	1	1
Fluorine rubber vacuum pad with gaiter	1	1
Flat NBR vacuum pad with joint	1	1
Flat NBR vacuum pad with telescope	1	1
Deep / concave NBR vacuum pad with telescope	1	1
<b>Optional elements:</b>		
Air treatment unit	1	
Distributor block	1	1
Flexible 6 mm tube	1	
Set of 10 "T" fittings	1	
Set of 10 plastic fittings	1	
Set of connection cables	1	
Tube cutter tool	1	
Power supply source	1	
Block of indicators (pilots + buzzer)	1	
Block of electric inputs (3 push buttons)	1	
Aluminium panel with feet for vertical positioning and handgrip (Dimensions: 582 x x770 mm)	1	
Storage box with compartments and trays (Dim: 825x425x450)	1	1