

# Henkelman Boxer

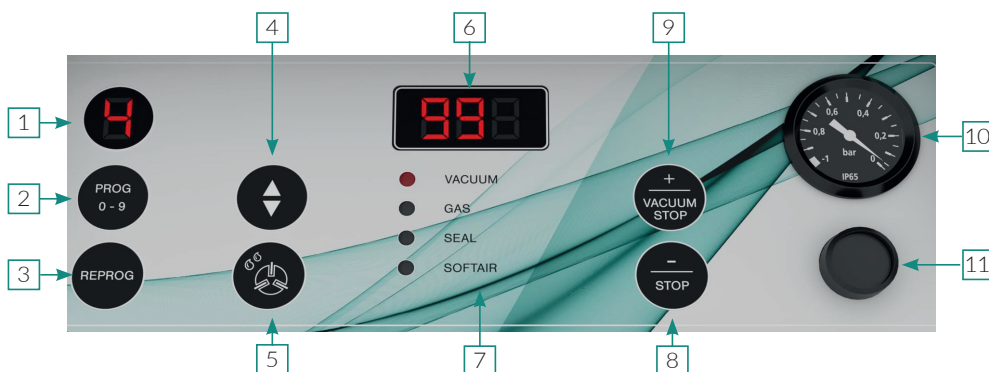
## Quick Start Guide

Scan the QR code to download the user manual



### Prior to the First Use

Carefully read the safety instructions on the back side of this guide. Check the oil sight glass to see if the amount of oil in the pump is sufficient. If the amount of oil in the pump is insufficient, refill it. See the user manual for more information.



- 1. Program display:** Shows the selected program.
- 2. PROG 0 - 9 button:** This is used to select the desired program. You can select 10 different programs.
- 3. REPROG button:** This is used to enable the programming mode. The parameters can be changed using the Cursor key (4), the - / STOP button (8) and the + / VACUUM STOP button (9).
- 4. Cursor key:** This key is used to operate the functions of the parameter display (6) and function display (7).
- 5. Pump cleaning programme button:** This is used to activate the pump cleaning programme. Moisture can condensate in the oil when the pump is running only short cycles or when you are packaging moisture-containing products. This programme removes moisture from the oil of the vacuum pump. Run the pump cleaning program daily to prevent moisture damage to your pump.
- 6. Parameter display:** This display shows the current value of the active function during the program cycle or the set value of the selected function when the machine is inactive. A red dot will light up in the bottom right if the Vacuum+ option is enabled.
- 7. Function display:** The LED light in front of the function lights up if the function is active during the program cycle or if the function is selected in the programming mode.
- 8. - / STOP button:** This is used to interrupt the entire cycle during a packaging cycle. All functions are skipped and the cycle is terminated. In the programming mode, the value of the selected parameter can be lowered using this button.
- 9. + / VACUUM STOP button:** This stops the active function and proceeds to the next program step. In the programming mode, the value of the selected parameter can be increased using this button.
- 10. Vacuum meter:** Shows the pressure in the vacuum chamber. A value of -1 bar corresponds to 99% vacuum.
- 11. On/Off button:** Serves to turn the control panel on or off.

Start the machine (11) and scroll through the pre-programmed programs (2) and/or pre-programmed settings (4) to make your settings. The display (1) shows the program number and the display (6, 7) shows the programmed values. You can make adjustments by pressing the REPROG key (3) and using the + and - keys (8, 9) to make changes. When the settings are finished, save with the REPROG key (3), place the product in the machine in a suitable seal bag, close the lid and the process will start. For the best end result, we recommend cooling the product to 2-4°C before packing. This will prevent the product from boiling.

### Sample programs

Type of product	Program	Vacuum*	Seal	Softair
Solid products	1	99%	2,2 s	OFF
Liquids or products containing liquids	2	97% 99% with Liquid Control (option)	2,2 s	OFF
Fragile or sharp products	3	99%	2,2 s	5 s

\* The vacuum rates listed are for machines with the sensor option. For time-controlled machines, you need to find the best setting yourself, it depends on machine type and product volume.

## Safety Instructions



Follow the safety instructions listed below at all times. This is the short version containing the most important safety instructions, for a complete overview we refer you to the user manual. This can be downloaded by scanning the QR code or can be downloaded from our website: [www.henkelman.com](http://www.henkelman.com).



The machine is not suitable for the packaging of toxic, corrosive, irritant or potentially explosive materials.

The correct operation and safety of the system can only be guaranteed if the recommended maintenance is performed on time and properly.

### Pictograms on the machine



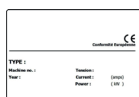
Warning sign “High Voltage”  
is located on the back of the machine



Warning sign “Heat”  
is located on the sealing bars and on the vacuum pump



Warning sign “Gas Connection” (optional)  
Forbidden to connect oxygen. Only nutritional gases or inert gases are allowed  
is located on the back of the machine



Machine plate  
is located on the back of the machine  
Here you can find the machine type, machine number, voltage, current, power and construction year.

Regularly check whether the pictograms and markings are still clearly recognisable and legible. Replace them if this is not the case.

### General warnings



- Operating personnel must be 18 years or older.
- Never pack products that can be damaged by vacuum.
- Never vacuum live animals.
- High pressure cleaning is not allowed. This may cause damage to the electronics and other components.
- Do not use any aggressive, toxic or solvent cleaning agents.
- It is forbidden to start the machine in an explosive environment.
- The available safety devices may not be removed.
- Only a technical expert may perform work on the electrical installation.
- The machine may not be used during cleaning, inspection, repair or maintenance and must be disconnected from the power supply by disconnecting the plug.
- The machine may not be used if the plastic/glass lid shows visible damage or cracks. Contact your dealer for professional service.
- If the gassing option is used, the gas supply must be shut off when the machine is no longer in use. The work area must also be sufficiently ventilated.

### Warnings during use



- Components of the sealing system can become very hot. Contact with these components may cause injuries.

# Henkelman Boxer ACS

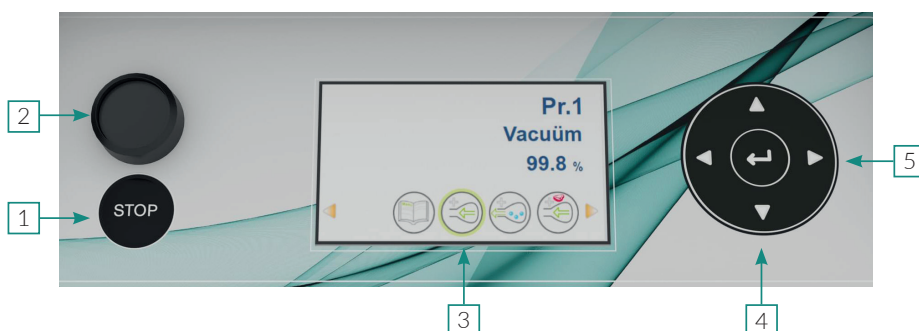
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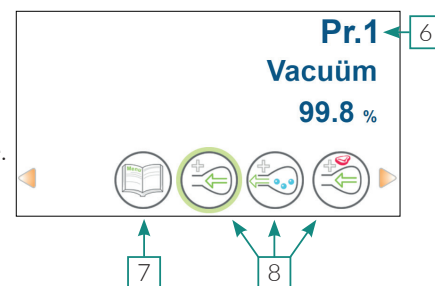
### Operating

- 1. STOP button:** This is used to interrupt the entire cycle. All functions are skipped and the cycle is terminated.
- 2. On/Off button:** Serves to turn the control on or off.
- 3. Display**
- 4. Cursor keys ▲, ▼, ◀ and ▶:** These are used to navigate through the functions.
- 5. Enter:** This activates/confirms the selected value.

### Changing the Program Settings

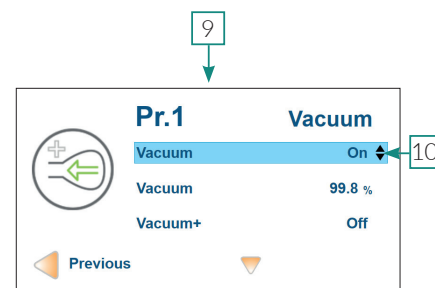
You can view the machine programs and activate the functions in the navigation mode. This is the mode that appears immediately after start-up. If a function is active, it is displayed in a blue shade. If a function is inactive, it is displayed in a grey shade.

- 6. Program number/name:** The program shows the currently selected, pre-set program.
- 7. Functions:** This shows the function and value of the function.
- 8. Function active/inactive:** The selected function is marked with a green circle. The name and current value of this function will appear on the screen.



### Selecting a program and changing program settings


- Press the ▲ or ▼ buttons to select the desired program (6).
- Press the ◀ or ▶ buttons to view the functions (8).
- After selecting the desired function, press Enter (5) to view the function settings. A new view will open (9).
- Scroll through the settings with the ▲ or ▼ buttons, press Enter (5) if you want to change a setting. An icon with a double arrow (10) appears next to the function. You can now use the arrows (4) to make changes. Press Enter (5) to save, the double arrow (10) will disappear. Return to the navigation mode by pressing ◀.



### Changing machine settings

Select the Machine Settings menu (4) to make changes to the machine configuration, such as language, program names, date and time, etc. Press Enter (5) to open the menu. To log in as an owner, enter the code 1324.

### Pump cleaning

 Moisture can condensate in the oil when the pump is running only short cycles or when you are packaging moisture-containing products. The pump cleaning program removes moisture from the oil of the vacuum pump. Run the pump cleaning program daily to prevent moisture damage to your pump. The program is between program 1 and 20. Press the ▼ key once when you are in program 1. Pump cleaning is now visible, close the lid to start the cleaning process.

For the best end result, we recommend cooling the product to 2-4°C before packing. This will prevent the product from boiling.

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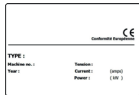
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