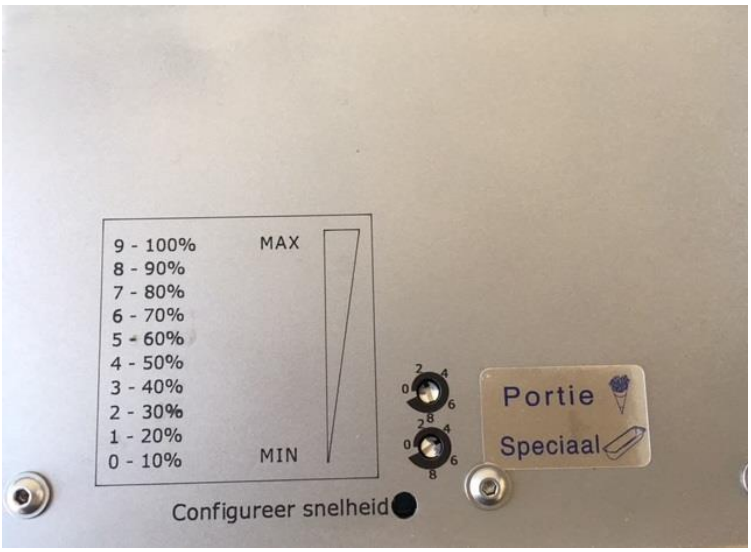
Description:
Bereila Disp-O-Electric

Software version: v009
Hardware version: v3

Rear view of the sauce pump

The description for the configuration/settings makes reference to the position switches and the configuration button.
The configuration button is held in with a plastic pen.

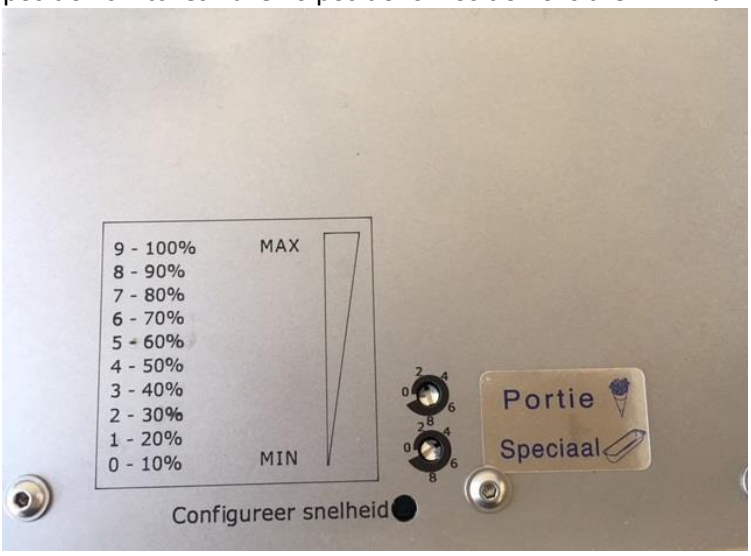


Configuration/Settings

The speed and quantity for the buttons must be set before the dispenser is ready for use. This is done by setting the position switches. See the back of the dispenser. The speed parameter is set once and remembered by the dispenser. The quantity that is portioned when the buttons are pressed is the current position of the position switch.

Position switches

The position switches work like volume knobs: clockwise for 'more' and anticlockwise for 'less'. The position switches have 10 positions. Position 0 is the minimum setting and position 9 the maximum.



Setting the speed

The speed of the buttons can be set as follows. Use a screwdriver to set the position switches to the desired speed for both the upper button (portion) and the lower button (special). Once the setting is correct, use a thin pen to press in the configuration button on the back of the dispenser (close to the position switches).
The speed is now set. The position switches can now be returned to the position for the desired quantities.

The maximum speed, a press and suction cycle: 1.0 seconds

Example: We want to maximise the speed for a portion and set special to slightly less than half. Set the position switch to 9 for portion (100%) and 3 (40%) for special. Press the configuration speed button with a thin pen. The speed is now set.

Setting the quantity

Use the two position switches
- the upper button is for portion - the lower button for special -
to set the right quantity. The configured quantity will be portioned when one of the two buttons is operated.

Factory setting:

Mayonnaise/Fries sauce

	Speed	Quantity
Portion	: 8	4
Special	: 3	2

Factory setting:

Curry/Ketchup

	Speed	Quantity
Portion	: 5	3
Special	: 0	1

Normal use

There are 3 options for normal use:

- Portioning with button 1 (upper button - Portion)
- Portioning with button 2 (lower button - Special)
- Sauce suction. (buttons 1 and 2)

The system is ready for use when all of the lamps light up.
Press the two buttons (1 and 2) at the same time to start the sauce suction cycle.

Press button 1 or 2 for one portion. (Upper or lower button)
If you want to dispense several portions straight after each other, press the button repeatedly for the corresponding number of portions.

The lamp for the button being operated stays on and the other goes out.

Fault indicator

There are four possible fault indicators.

1- Motor
2- Rotation centring switch (trigger)
3- Motor pulse generator
4- Overload

Motor fault

If there is a fault in the motor:

Button 1 flashes in alternation with button 2.
The device can be reset by holding in buttons 1 and 2 until the signal lamps stay on. (Approx. 5 seconds)

Rotation centring switch

If there is a centring switch fault:

Button 1 : stays on
Button 2: flashes rapidly
The device can be reset by holding in buttons 1 and 2 until the signal lamps stay on. (Approx. 5 seconds)

Motor pulse generator

If there is a pulse generator fault:

Button 1: flashes rapidly
Button 2 : stays on
The device can be reset by holding in buttons 1 and 2 until the signal lamps stay on. (Approx. 5 seconds)

Overload

All of the lamps will slowly go out and the dispenser will restart. No reset is required.

Power supply

The power supply wiring consists of:

- Supply voltage plug, 230V AC
- 3-pin plug
    - Pin 1 = +24V DC
    - Pin 2 = - 0V DC
    - Earth/Mass

Control wiring

The wiring of the dispenser goes to the control panel via a 9-pin connector. The pin configuration is as follows:

1- +U
2- Button 1
3- Button 2
4- Lamp 1 (signal 1 for button 1)
5- Lamp 2 (signal 2 for button 2)
6- - (negative)
7- CAN High
8- CAN Low
9- Earth/Mass

The button makes a connection between the +U and the Button 1 or 2 wire.

The signal lamps 1 and 2 are connected to the - (negative) and the Lamp 1 or 2 wire.