





QUICK START GUIDE: MICRON GEAR SERIES

-  **Warning:** Risk of electrical shock. Carelessness may produce injury or death.
-  **Warning:** Hot zone with high temperatures. Risk of burns. Use thermal protective equipment.
-  **Warning:** System under pressure. Risk of burns or particle projection. Use thermal protective equipment and goggles.
-  **Warning:** Important information for the correct use of the system. May include one or several of the previous hazards, and therefore must be kept in mind to avoid damage and injury.

Warning: The Micron gear series melters are equipment with current technology and with certain foreseeable risks. Therefore, only allow qualified personnel with sufficient training and experience to use, install or repair this equipment.

In case of doubts in the moment of installation, refer to the corresponding instructions manual.

If you want this guide in other language, see the website:
<http://www.meler.eu>

meler GLUING SOLUTIONS

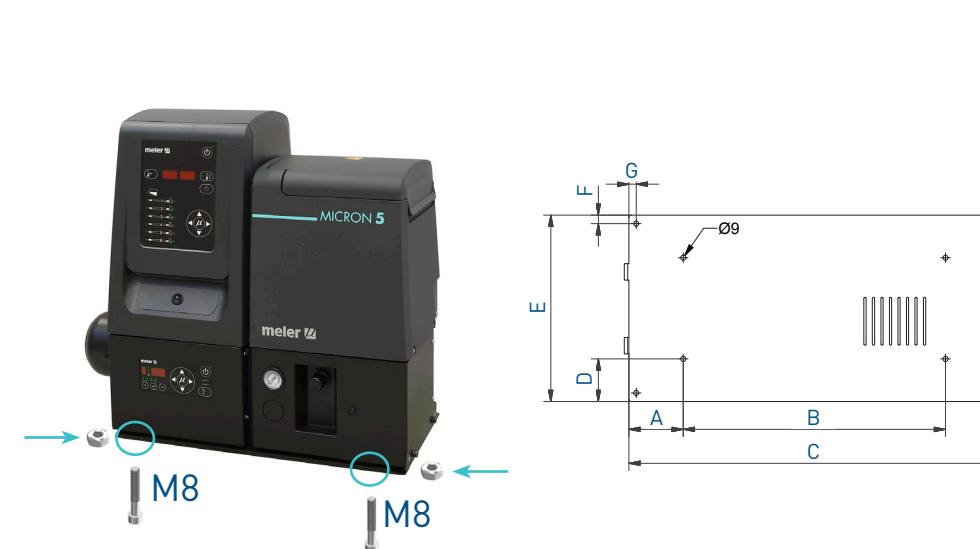
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  MA-5079-ENG V1215

Components, options and accessories

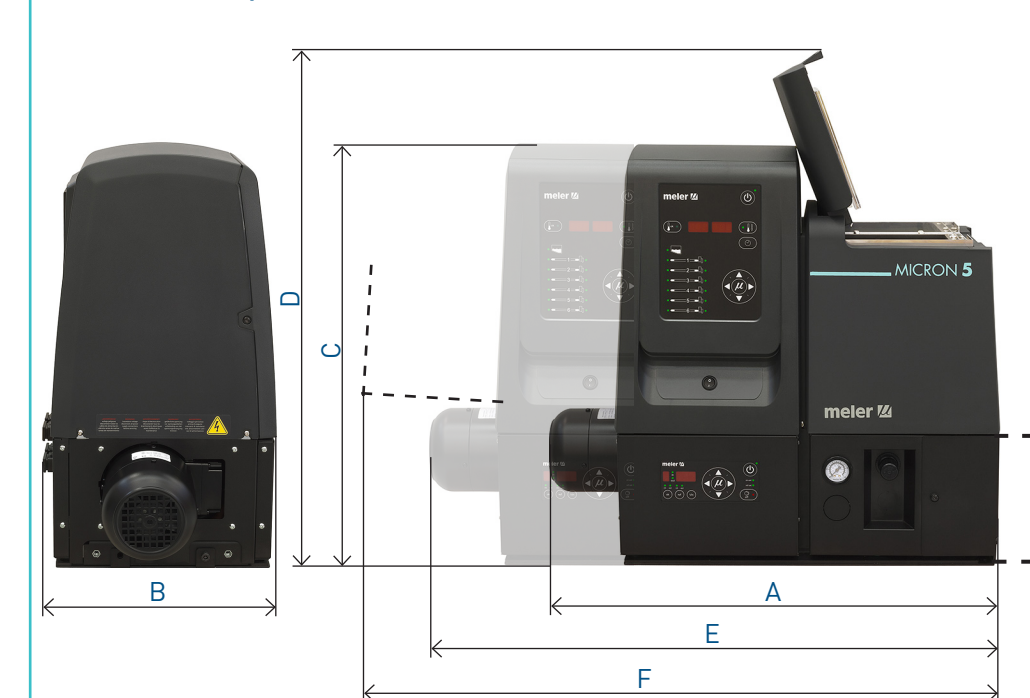


Mounting the equipment



ITEM	MICRON 5	MICRON 10	MICRON 20	MICRON 35
A	96 mm	96 mm	96 mm	96 mm
B	377,5 mm	462,5 mm	462,5 mm	529,5 mm
C	569,5 mm	654,5 mm	654,5 mm	721,5 mm
D	75 mm	75 mm	75 mm	75 mm
E	328,5 mm	328,5 mm	370,5 mm	422,5 mm
F	15 mm	15 mm	15 mm	15 mm
G	13 mm	13 mm	13 mm	13 mm

Dimensions/ Free space



ITEM	DESCRIPTION	DIMENSIONS
A	EQUIPMENT LENGTH	5L 730mm
		10L 730mm
		20L 730mm
		35L 740mm
B	EQUIPMENT WIDTH	5L 360mm
		10L 360mm
		20L 400mm
		35L 450mm
C	EQUIPMENT HEIGHT	5L 630mm
		10L 630mm
		20L 670mm
		35L 830mm
D	EQUIPMENT HEIGHT WITH LID OPEN	5L 775mm
		10L 885mm
		20L 1025mm
		35L 1215mm
E	EQUIPMENT LENGTH WITH ELECTRICAL CABINET OPEN	5L 840mm
		10L 920mm
		20L 925mm
		35L 990mm
F	LENGTH OF THE EQUIPMENT WITH BRACKET FOR ELECTRIC CABINET VARIABLE FREQUENCY DRIVES IN LOWERED POSITION	5L 1200mm
		10L 1280mm
		20L 1285mm
		35L 1355mm

Note: To calculate the space necessary to install the equipment in terms of its length, you must add at least 280 mm to the measurements indicated in the table in order to be able to open the distributor's filter-purger access door.



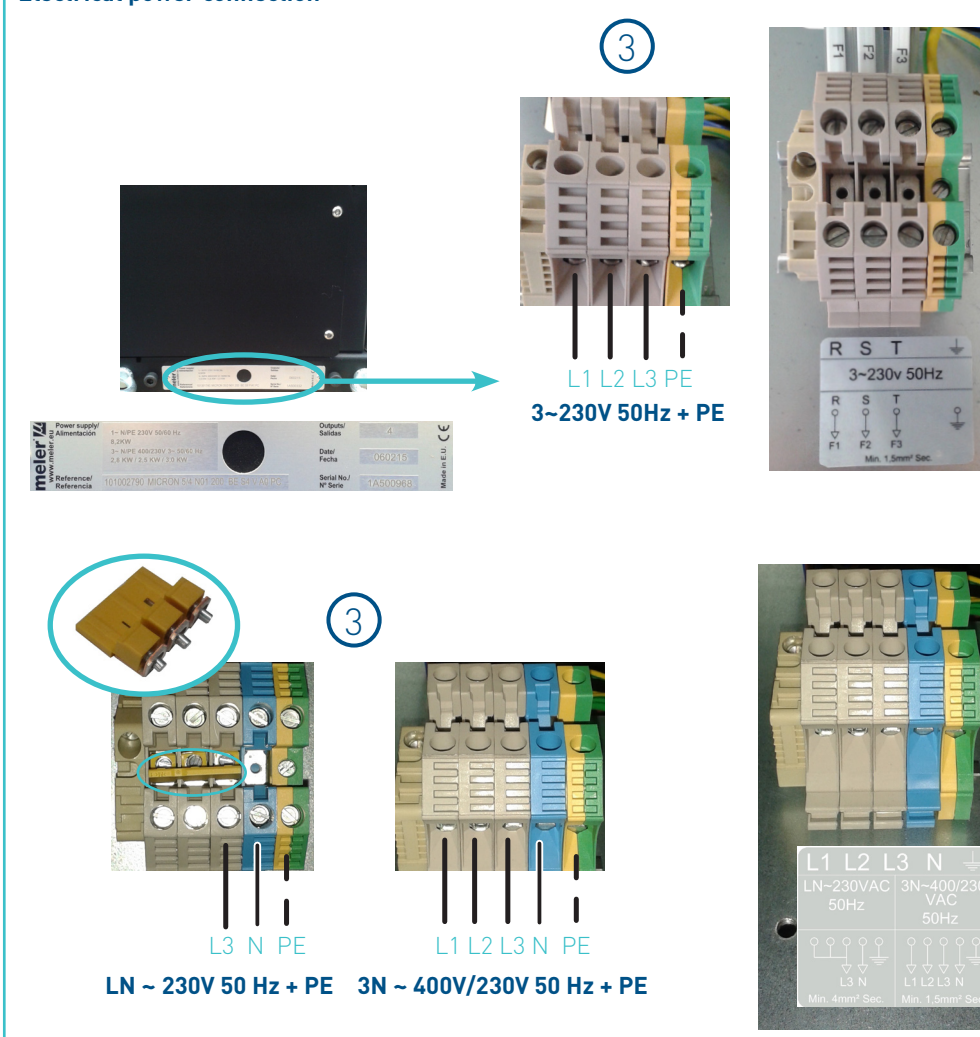
Electrical power connection

LN ~ 230V 50 Hz + PE
3N ~ 400/230V 50 Hz + PE
3 ~ 230V 50 Hz + PE

MODEL	No. OUTPUT	1 PHASE		3 PHASES + N	
		230 VAC		400 VAC Y	
Micron 5	2	1 PUMP	2 PUMPS	1 PUMP	2 PUMPS
	4	25.17 A	31.00 A	12.87 A	16.70 A
	6	35.60 A	41.42 A	12.87 A	21.91 A
Micron 10	2	29.52 A	35.34 A	17.23 A	16.70 A
	4	39.95 A	45.77 A	17.23 A	21.91 A
	6	50.39 A	-	17.28 A	-
Micron 20	2	27.39 A	37.51 A	19.41 A	16.70 A
	4	42.13 A	47.95 A	19.41 A	21.91 A
	6	52.56 A	-	19.41 A	-
Micron 35	2	38.21 A	44.03 A	16.30 A	16.70 A
	4	48.65 A	54.47 A	21.52 A	21.91 A
	6	59.08 A	-	26.74 A	-



Electrical power connection



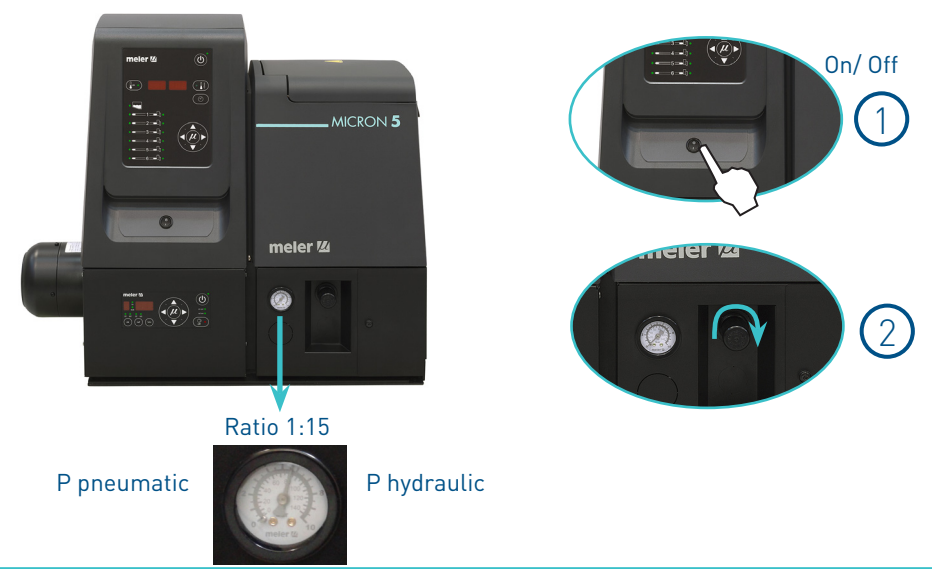
Pneumatic and hose connection



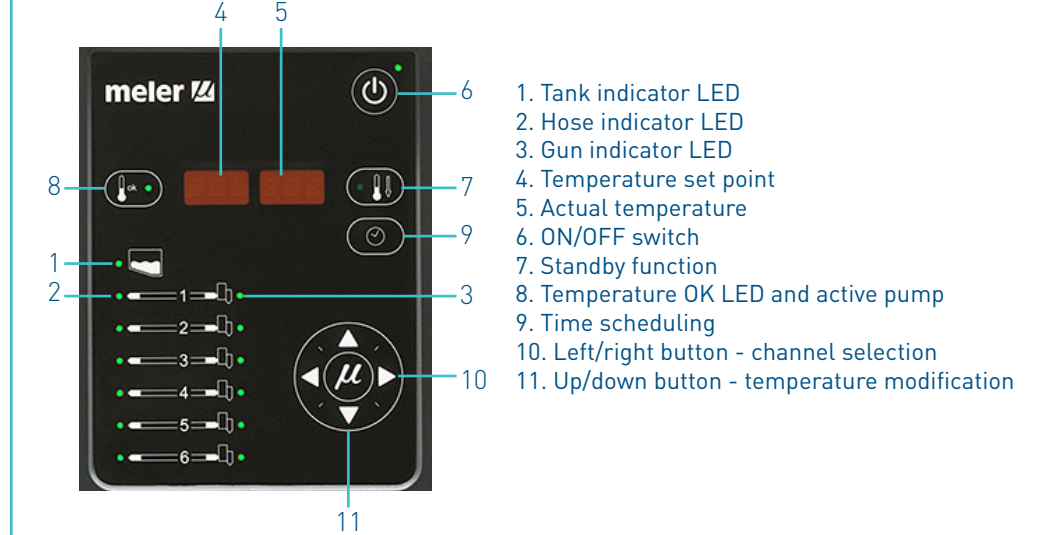
Maximum charge of adhesive



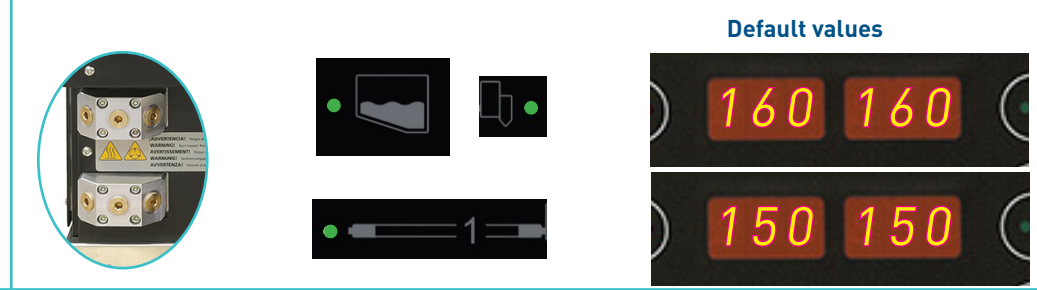
Starting up the melter equipment



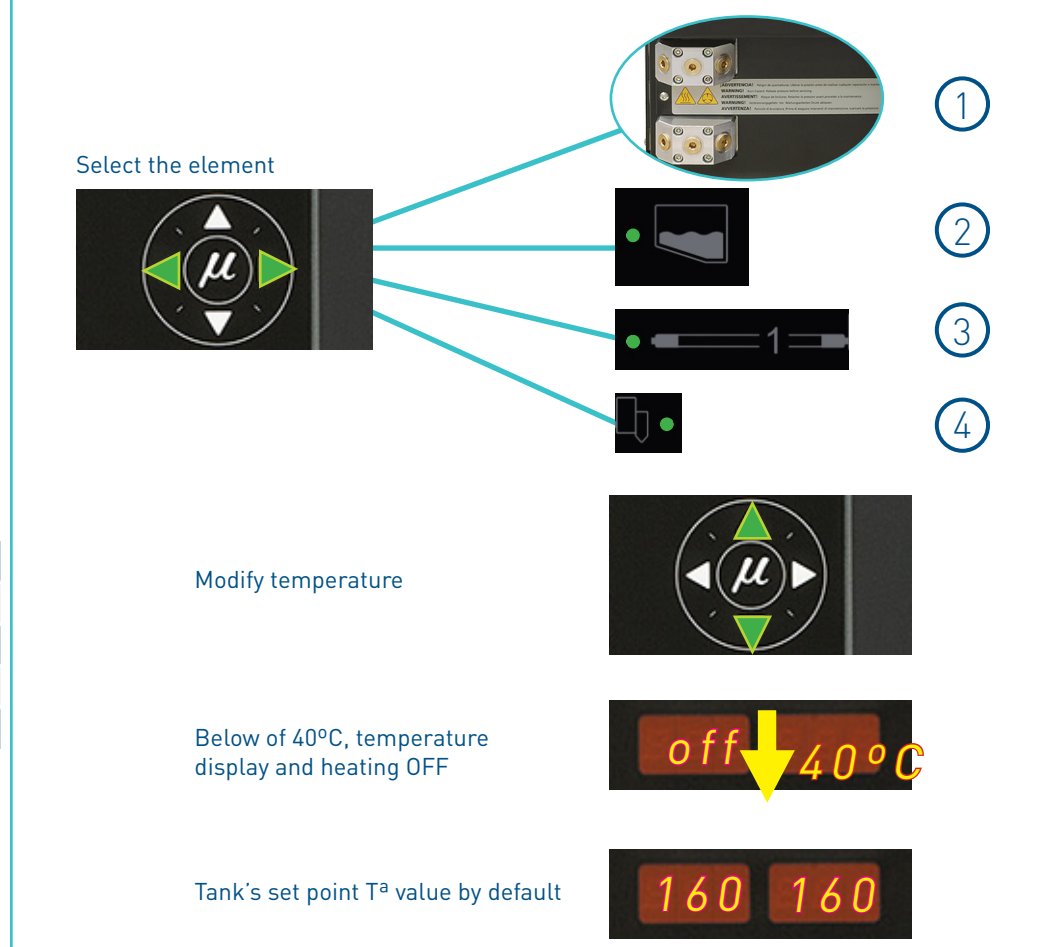
Control card



LED DISPLAY	COMPONENT HEATING	COMPONENT STATUS
constantly lit	constant	low temperature
blinking slowly	as need (according to PID parameters)	temperature near set point
blinking rapidly	programming or display	change in set point values
off	not heating	temperature reached

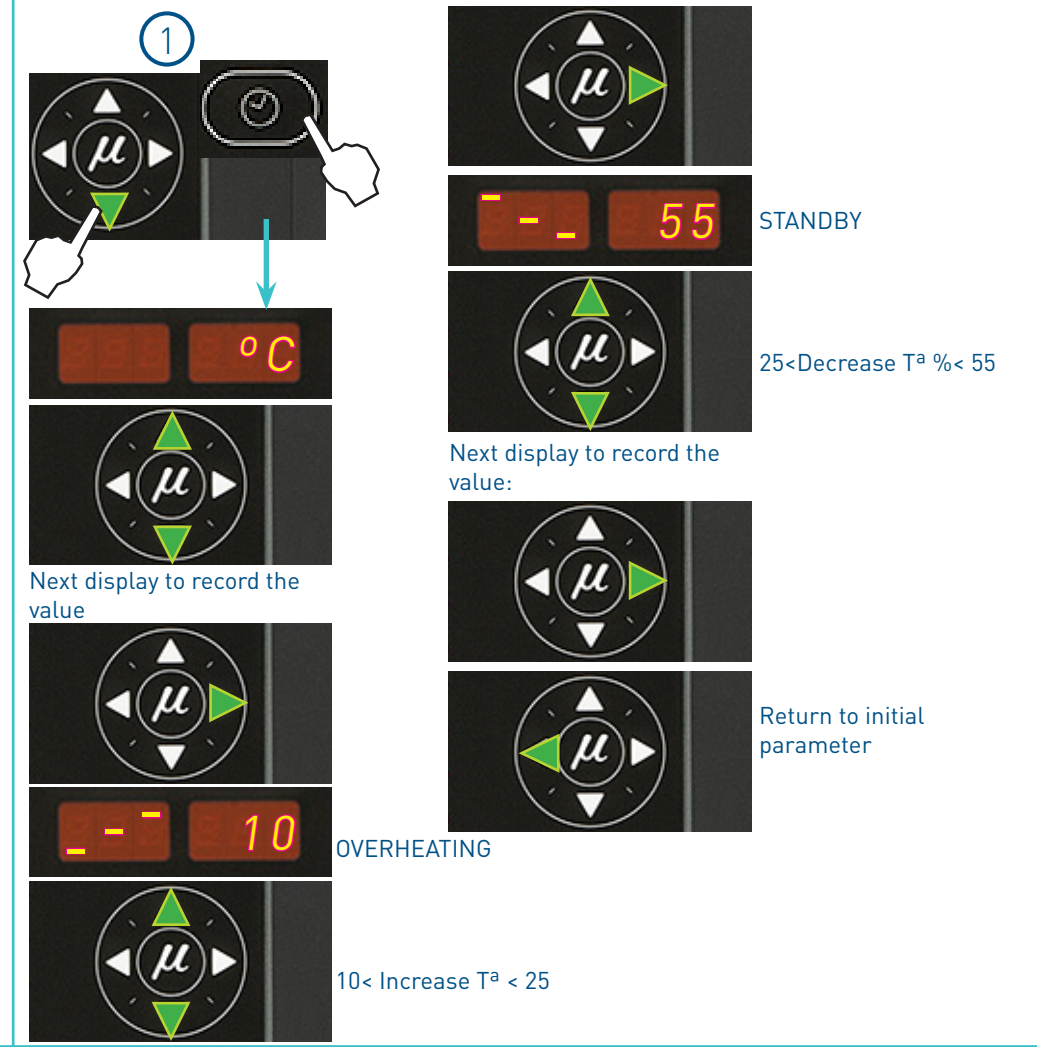


Temperature adjustment

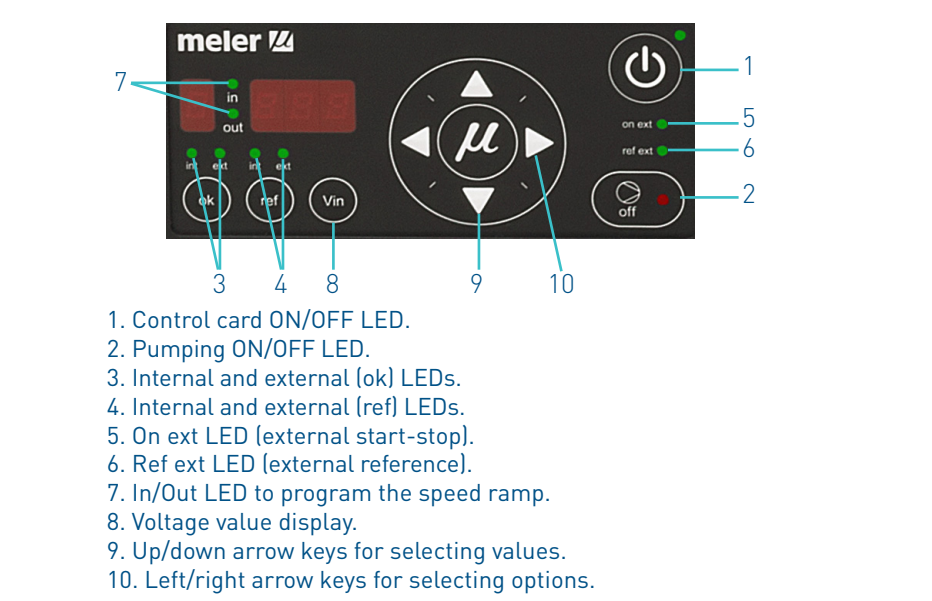


For more information about the different functions of the control card, refer to the corresponding instructions manual.

Selecting the overheating value/ Standby



Pump control card



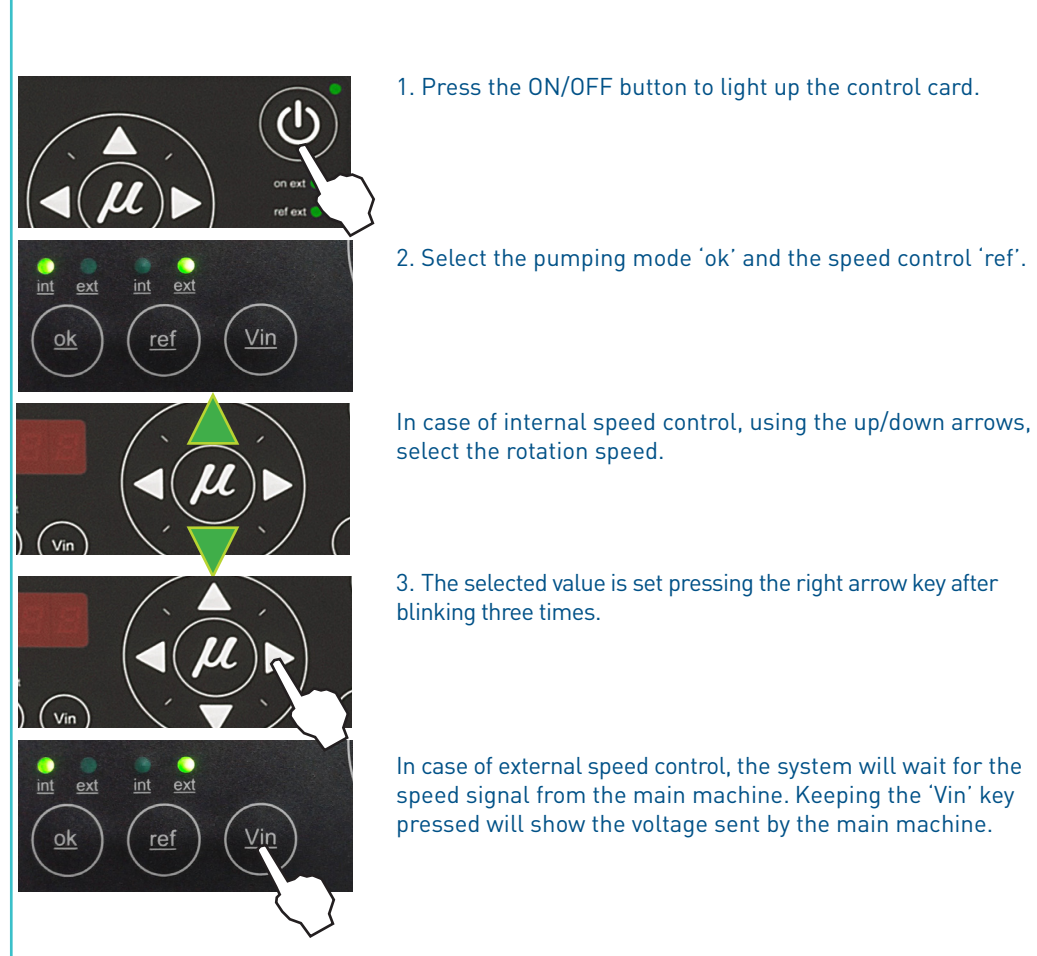
To start working, select the appropriate **mode of operation**:

- Internal pumping and speed control.
- Internal pumping control and external speed control.
- External pumping control and internal speed control.
- External pumping and speed control.

To activate the start-up status, all of the following conditions must be met:

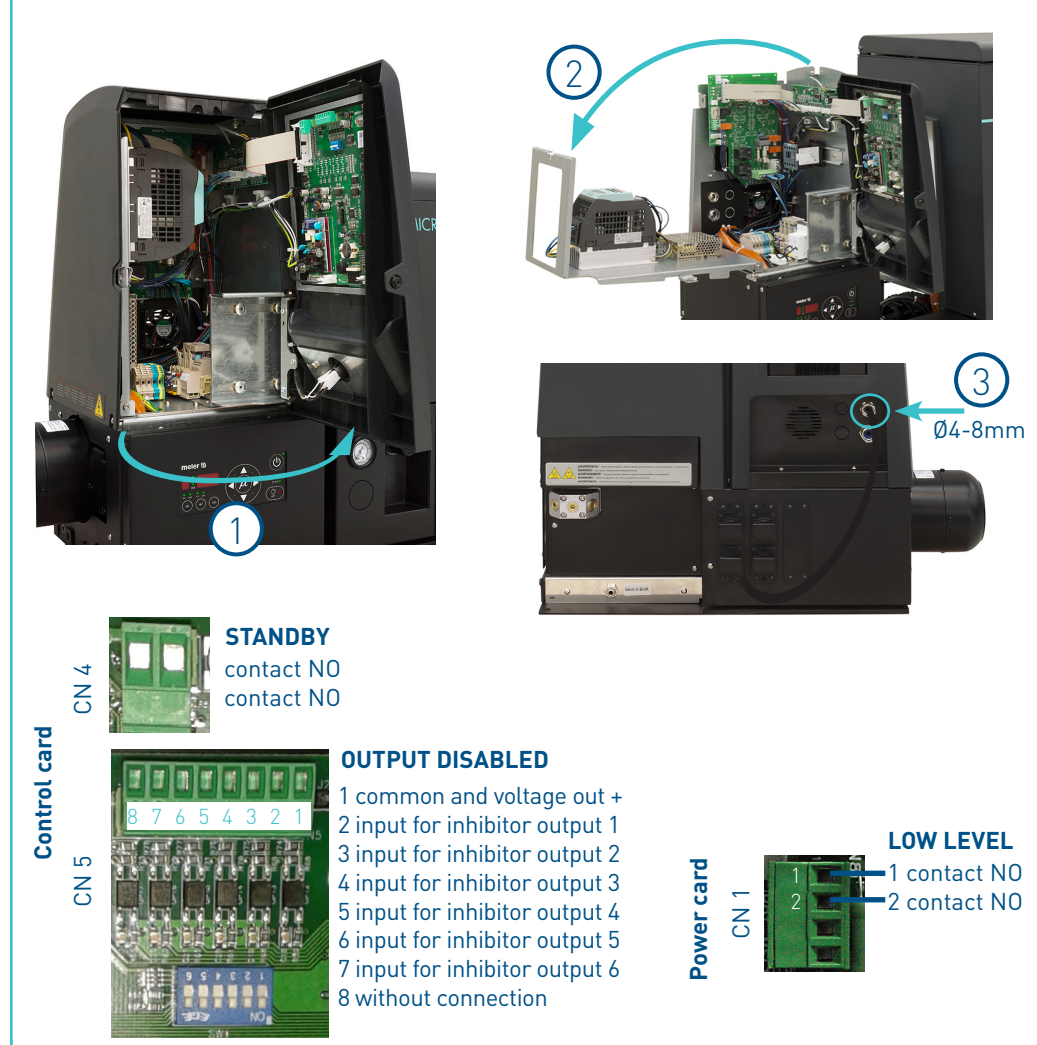
- The equipment temperature is OK.
- That pumping is enabled (red LED is turned off).
- If the external 'ok' mode (start-stop) is selected, the external 'ok' input [E3] must be activated.
- The failure input is not activated.

Speed working adjustment



For more information about the different functions of the pump control card, refer to the corresponding instructions manual.

External I/O connections (optional)



External I/O connections (optional)

