QUICK START GUIDE: MICRON MOD

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 googles.

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 MOD** 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

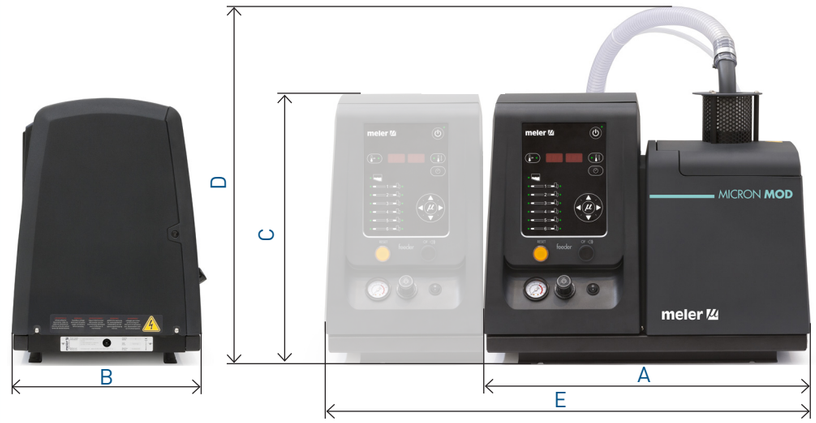
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MA-5094-ENG V0915

Components, options and accessories



Dimensions/Free space

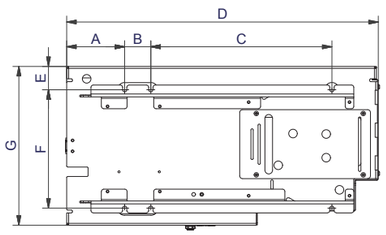


ITEM	DESCRIPTION	DIMENSIONS
A	EQUIPMENT LENGTH	587 mm
B	EQUIPMENT WIDTH	341 mm
C	EQUIPMENT HEIGHT	481 mm
D	EQUIPMENT HEIGHT WITH AUTOMATIC FEEDER (APPROX.)	577 mm
E	EQUIPMENT LENGTH WITH ELECTRICAL CABINET OPEN	838 mm

Mounting the equipment/ Adaptation plate



ITEM	
A	92 mm
B	--
C	381 mm
D	571 mm
E	49 mm
F	249 mm
G	334 mm



Electrical power connection

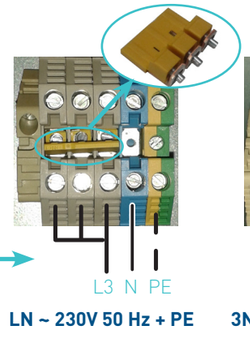
LN ~ 230V 50 Hz + PE
3N ~ 400V/230V 50 Hz + PE

EQUIPMENT	No. OUTPUT	1 PHASE	3 PHASES
		230 VAC	400 VAC Y
Micron MOD	2	21.39 A	10.95 A
	4	31.82 A	10.95 A
	6	42.26 A	15.65 A

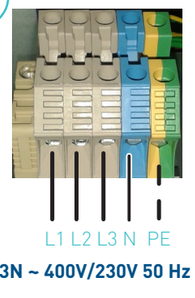








LN ~ 230V 50 Hz + PE



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

Pneumatic and hose connection

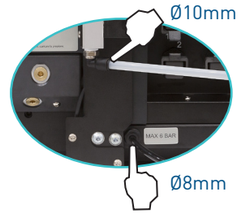


P= 0 bar





P_{max} = 6 bar



Note: Both the air supply intake of the equipment such as air supply to the solenoid valve of the automatic feeder must be different.





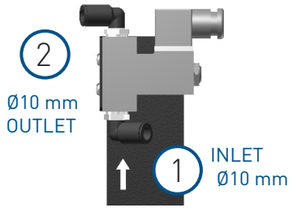




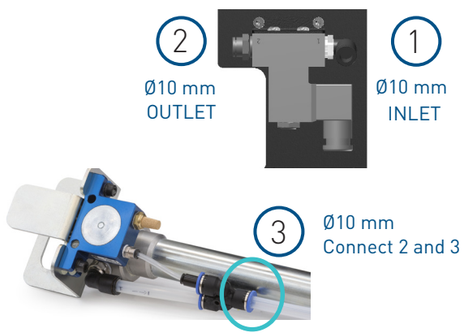


Automatic feeder pneumatic connection

1. If it does not have a pressure regulator (PR):



2. If it does have a pressure regulator (PR):



Starting up the melter equipment



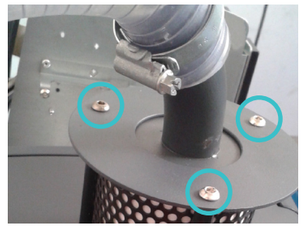
Ratio 1:13,6

P pneumatic  P hydraulic



Note: To adjust the programmable times using the timer refer to chapter 4 of the corresponding instructions manual.

Connecting the suction tube



1. Loosen slightly the three fixing screws indicated counterclockwise.
2. Place the swievel elbow to the desired position.
3. Tighten the three fixing screws to the position of the elbow clockwise.

Placing the suction tube

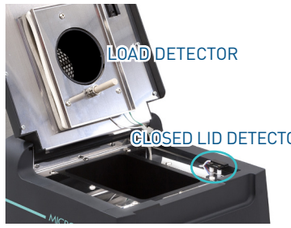
Introduce the suction tube in the adhesive container.



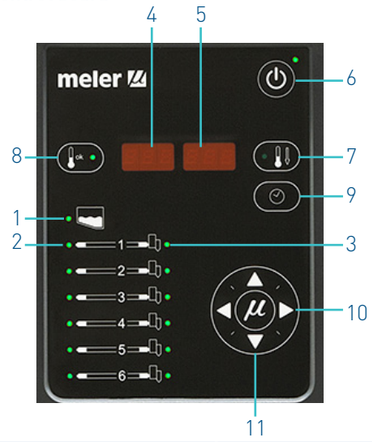


Connecting control detectors

Both detectors are wired in the electrical cabinet.



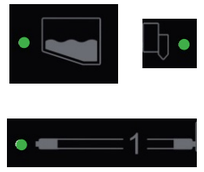
Control board



1. Tank indicator LED
2. Hose indicator LED
3. Gun indicator LED
4. Temperature set point
5. Actual temperature
6. ON/OFF switch
7. Standby function
8. Temperature OK LED and active pump
9. Time scheduling
10. Left/right button - channel selection
11. Up/down button - temperature modification

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

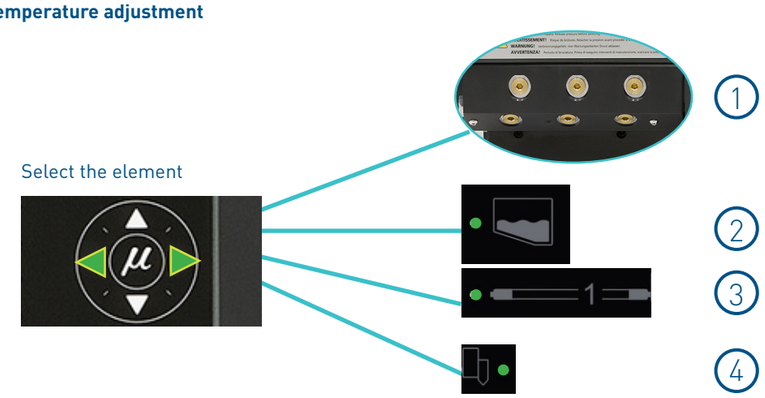




Valores por defecto



Temperature adjustment



Modify temperature



Below of 40ºC, temperature display and heating OFF

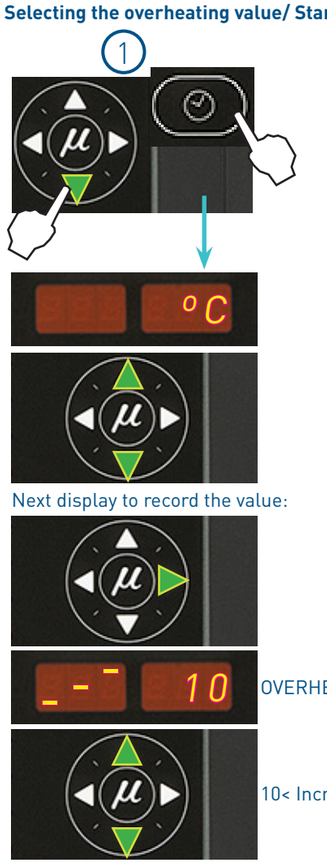


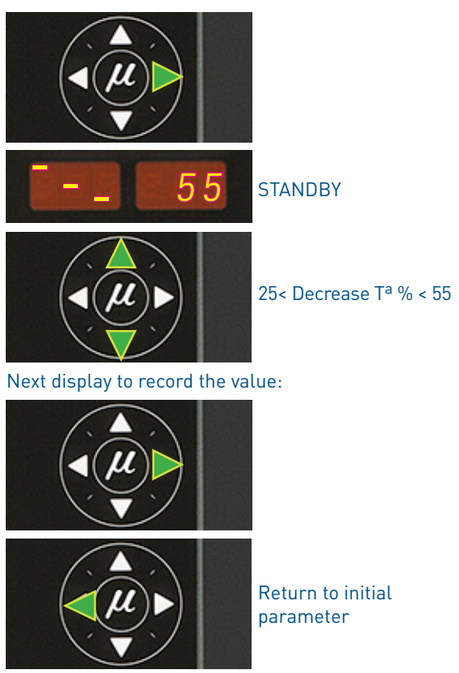
Tank's set point Tª value by default



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

Selecting the overheating value/ Standby



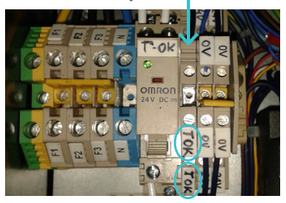


External I/O connections (optional)

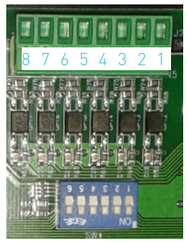




Temp. OK



Control card



CN 5
OUTPUT DISABLE

1 common and voltage out +
2 input for inhibitor output 1
3 input for inhibitor output 2
4 input for inhibitor output 3
5 input for inhibitor output 4
6 input for inhibitor output 5
7 input for inhibitor output 6
8 without connection