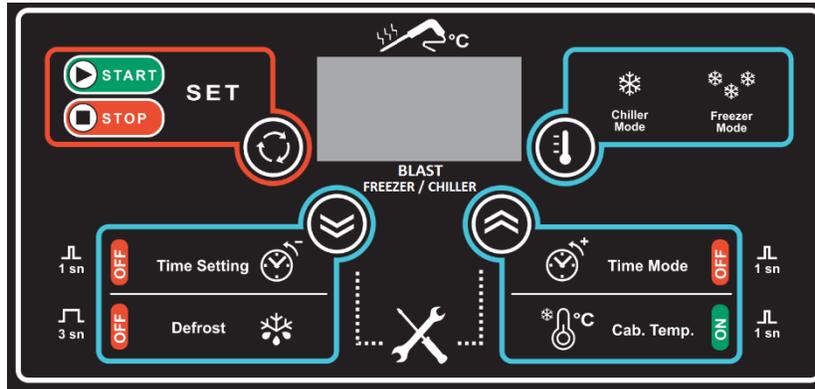


## BLAST FREEZER USER MANUAL



### BUTTONS AND INDICATORS

MARK	NAME	DEFINITION
	Thermometer Button	Used for temperature selection. This button should be used both time dependent freezing or temperature dependent freezing.
	Set Button	It is used to confirm the selection and start/stop the freezing process.
	Down Key	It is used for defrosting when the cabinet is not operating any process. In time dependent mode this button can be used for the arrangement of the time. Together with up key used for entering parameter lits.
	Up Key	It is used to pass time-dependent mode when the cabinet is not operating any process. During blast process shows cabinet temperature. Together with down key used for entering parameter lits.

### Starting Procedure with Needle Probe

1. You need to select temperature after you plug in or before starting to procedure with thermometer button. Everytime you press the thermometer button selection of temperature will change. It is important. Selecting proper temperature for your blasting is essential.  
Chiller mode : +3°C  
Freezing mode: -18°C
2. You have press "Set" key to confirm you selection or wait 5sec to confirmation.
3. To start a procedure you need to press "Set" key again. When the procedure is working blue dot will appear right bottom side on the screen.

Actions can be taken while procedure is running;

- On the screen you can see the temperature of the needle probe.
- To see the duration of the procedure you can press the "Thermometer" key.
- To see the cabinet temperature you can press the "Upper" key.
- To end procedure you need to press "Set" key again.

At the end of the blasting cabinet will continue with the storage mode. The blue dot which is placed right bottom side on the screen starts blinking.

### Starting Procedure with Time Dependent Mode

1. You need to select temperature after you plug in or before starting to procedure with thermometer button. Everytime you press the thermometer button selection of temperature will change. It is important. Selecting proper temperature for your blasting is essential.  
Chiller mode : +3°C  
Freezing mode: -18°C
2. You have press "Set" key to confirm you selection or wait 5sec to confirmation.
3. For passing time dependent mode you need to press "Up" or "Down" key after selecting the right temperature.  
Chiller mode : 1:30 ( one hour thirty minutes)  
Freezer mode: 4:30 (four hours thirty minutes)  
Will appear on the screen.You can change the value with the upp and down key. However, lowering the time not means faster cooling. When reaches the pre-entered time cabinet will pass to storage mode.
4. After determining the durations, you can start to procedure with pressing "Set" button. When the procedure is working blue dot will appear right bottom side on the screen.

Actions can be taken while procedure is running;

- The screen shows how much time left on the screen.
- To see the duration of the procedure you can press the "Thermometer" key.
- To see the cabinet temperature you can press the "Upper" key.
- To end procedure you need to press "Set" key again.

At the end of the blasting cabinet will continue with the storage mode. The blue dot which is placed right bottom side on the screen starts blinking.

### Defrost

Defrosting is only available manually. Defrost will start when the down arrow button is pressed for 3 seconds while the product is in standby mode, and the "dEF" image will appear on the screen. To terminate, simply press the "Set" key.

### Sleep Mode

To pass to sleep mode or vice versa, you have press thermometer button for 3 sec while cabinet at stand-by mode.