



HONEY STIRRER
CRYSTALLISER 0.3-0.6-
0.3-1.8 TONN
OPERATIONAL DOCUMENTATION



Safety Information

This machine should only be used by trained personal only, the company operating the tank should complete site specific risk assessment and set up SOP's for the tank and their intended operation.

Do not operate or attempt to operate with the lids open.

Do not defeat or bridge out lid sensors. They are there to monitor the lids are in place and are for your safety and the safety of your work colleges.

Before carrying out any work in the tank or on the stirrer paddles you must follow standard isolation and lock out procedures. These will involve a minimum of padlocking the main isolator switch in the off position and completing any JSA and permits required by your company health and safety procedures.

The electrical control box has dangerous voltages present and should only be accessed by qualified personal.

Operation of the tank

This machine has two modes of operation each mode has different run times.

Mode one: Continuous run set speed

From Initial start up time if you wish to have a continuous run at the set speed select "continuous" And press the start button to activate this mode.

Mode two: Timer Mode run at 15 minutes on and 45 minutes off

To activate this mode select "Timer" on the electrical box switch.

The motor will start as soon as you press the start button.

The machine will run in a 15 minute on and 45 minute off cycle.

To reset from any mode press the stop button and then select the required mode.

WHEN THE GREEN LIGHT IS ON THE MACHINE IS ACTIVE AND WILL START ON ITS CYCLE TIME WITH OUT WARNING

To stop the unit press the stop button this is a latch in button so will need to be pulled out to enable the machine to start.

The lids must be down to allow the machine to start and lifting them during operation will stop the motor and cancel the operating mode. To reset close lid and press stop button pull out the press start.

Light Matrix

Green light off	Unit is in standby or the stop button may be in, supply power maybe off.	Switch on power, release stop button and press start button to activate required mode
Green light on	Unit is in a run mode and systems are working correctly. Motor may start at any time if on timer mode. And will run continuously in continuous mode	

Operation of the door safety system

No tanks are designed or intended to be operated with the lid/door open

The controller should never be tampered with or adjusted from factory settings.

The interlock operates as follows.

- 1 – Tank door or lid is open or not in place – Tank will not start or run
- 2 – Tank door or lid is opened during operation the tank will stop and will not re-start when closed
- 3 – If the Tank door or lid interlock is disengaged during operation, put the lid in place and re-start the tank at the controller.

It is recommended that you check and test the operation of the lid interlock weekly and keep a register of this check. This is to ensure that any faults are detected and rectified early.

If a fault is found, do not use the tank, it must be locked out and tagged out immediately informing your staff of the lock-out tag-out of the tank. Engage NZM or a suitably qualified person to repair the tank before removing the lock and tag and putting the tank back into service.

Maintenance

Contact CrystechNZ to arrange and maintenance, servicing or repairs.

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