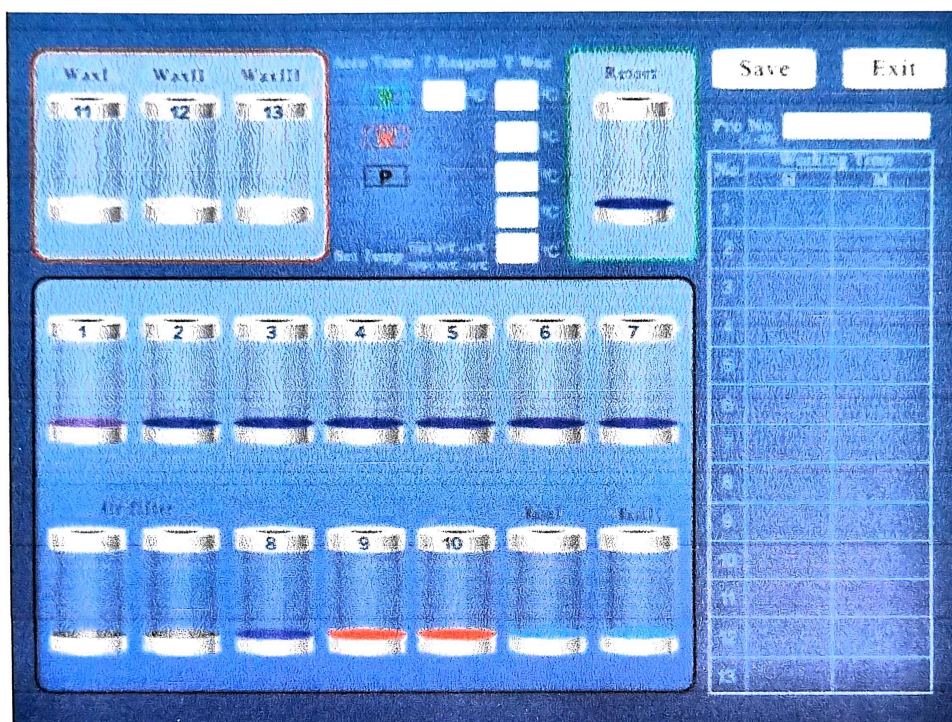


5.5 SYSTEM SET INTERFACE – Set program

Press **SET PROGRAM** button in *SYSTEM SET INTERFACE* screen (**Fig.4**), it will display as below:



(Fig.5)

Set temperature

1. **R:** Retort area temperature set;
56 T Reagent: Set the reagent temperature in retort from ambient to 65 degree;
T Wax: Set Wax temperature in retort from 55°C to 70°C.
2. **W:** Wax area temperature set;
T Wax: Set Wax temperature in 3 wax stations from 55°C to 70°C.
P: Pipes area temperature set from 55°C to 70°C. Default value 65°C

Set program

Press **Pro. No.** area (1 to 20) and set working time (**H**ours and **M**inutes) for steps (1 to 13).

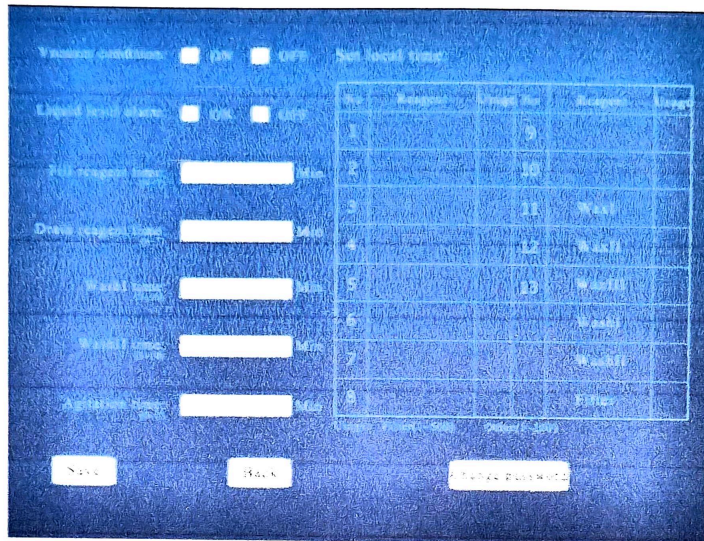
Save or Exit

Press **SAVE** button to store program in memory.

Press **EXIT** button for exit without saving.

5.6 SYSTEM SET INTERFACE – Set system parameter

Press **SET SYSTEM PARAMETER** button in *SYSTEM SET INTERFACE* screen (**Fig.4**), it will display as follow:

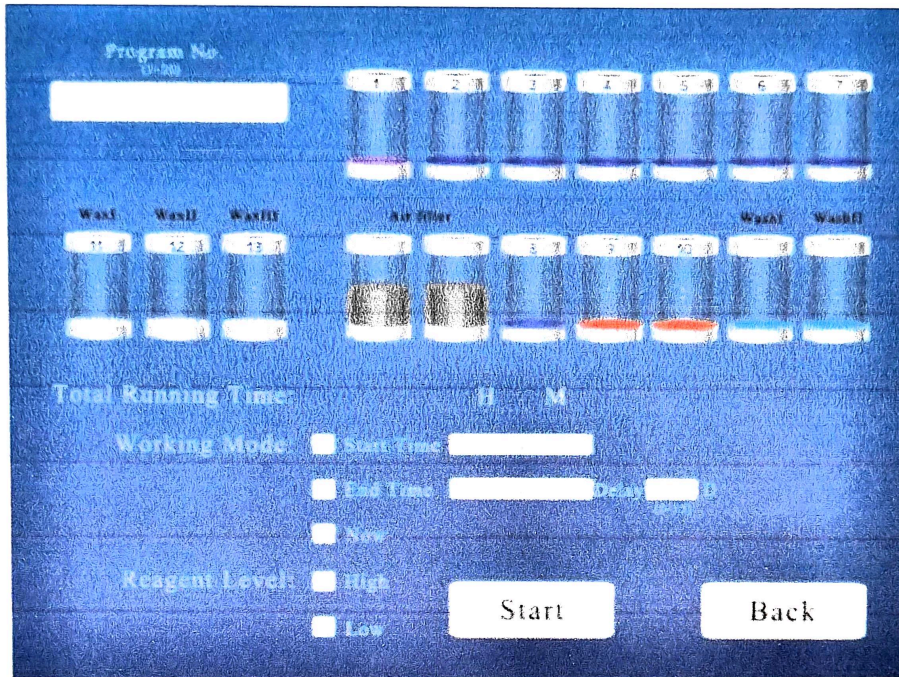


(Fig.6)

1. **Vacuum condition:**
Flag **ON** for vacuum in retort during processing.
- 5 12 2. **Liquid level alarm:**
Set **ON** for retort liquid level sensor. **Please note:** with level alarm **ON**, be sure every container has enough liquid to cover samples and reach sensor. Suggest to use it with maximum samples load only.
3. **Fill reagent time:**
Set fill reagent time from 4 to 7 minutes;
4. **Drain reagent time:**
Set drain reagent time from 4 to 7 minutes;
- 5 5 9 } 5. **Wash I time:**
Set the wash time for Wash I station, from 3 to 10 minutes;
6. **Wash II time:**
Set the wash time for Wash II station, from 3 to 10 minutes;
7. **Agitation time:**
Set agitation time for reagent in retort from 0 to 5 minutes;
8. **Reagent:**
Set station reagent name.;
9. **Reagent usage:**
Set reagent Usage Times.

S8 5.9 **AUTO RUN**- Running a program

Press **AUTORUN** button in **STAND BY** screen (**Fig.9**), it will display as follow:



(Fig.10)

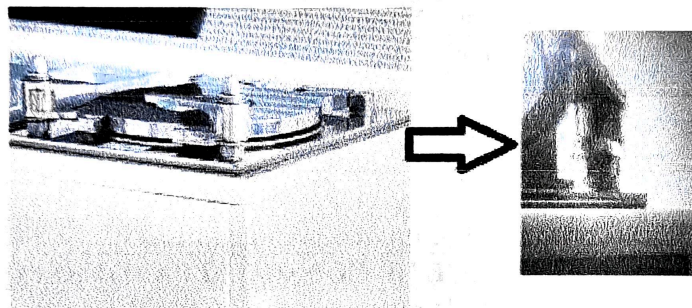
1. **Program No.:**
Choose required program number to run.
2. **Total Running Time:**
According to program No., it will show the total running time.
3. **Working Mode:**
Flag **Start Time** and enter the time you need the program to run.
Flag **End Time** and enter the time you want the program to finish (example: 8:00 for the morning after).
Flag **Delay** will add days (24 hours) to program (example: it's Friday and you need the samples ready for Monday at 8:00, then set **3**. Set 1 for the day after, 2 for the day after tomorrow, 3 for the third day)
Now will start the program immediately and finish after timing.
4. **Reagent Level:**
Set **High** or **Low** reagent level in retort, according to cassettes quantity.

5.10 Samples protection

Power supply failure

During running automatically, if main power supply failure, as soon as power supply recover, it will go on running from the pause step.

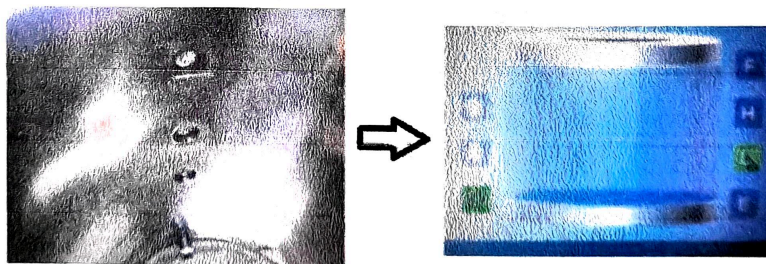
Retort Safe Switch is turn on



(Fig.13)

On the right handle of retort, there is a Safe Switch fixed. While retort in vacuum running, if the Safe switch is turned on, the running will stop immediately and show message on screen to remind customer.

Retort reagent level is over than the Full Level Sensor



(Fig.14)

S12 There are **3 Level Sensors** totally in retort:

- L** Lower sensor, for Low Level processing.
- H** Higher sensor, for High Level processing.
- F** Overflow sensor, this is the highest level for reagent in retort.

S11 **If retort reagent level is over than the Full level sensor, it will stop running immediately.**