

SOLMIX

SCM-2020S



Rev. 151101



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Product warranty and A/S application with the

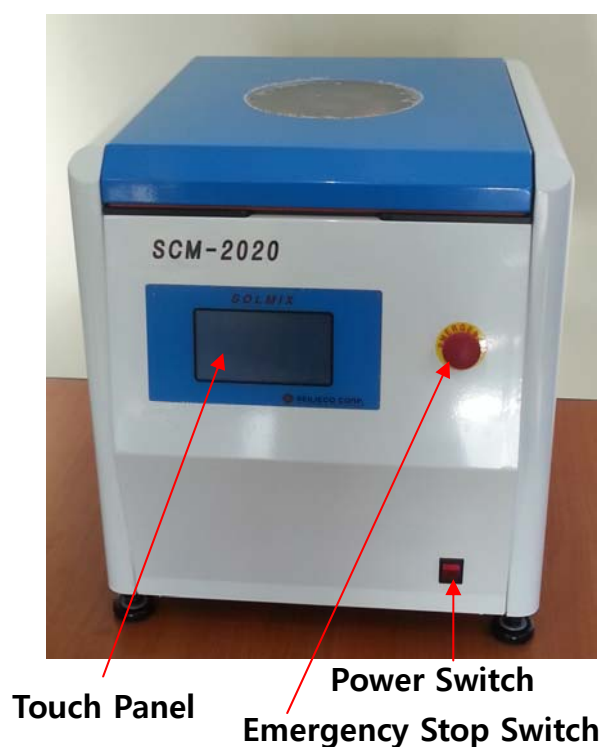
1. Product specification

This product performs mixing without bubbling by taking advantage of the direction and the speed difference of the rotating and revolving.

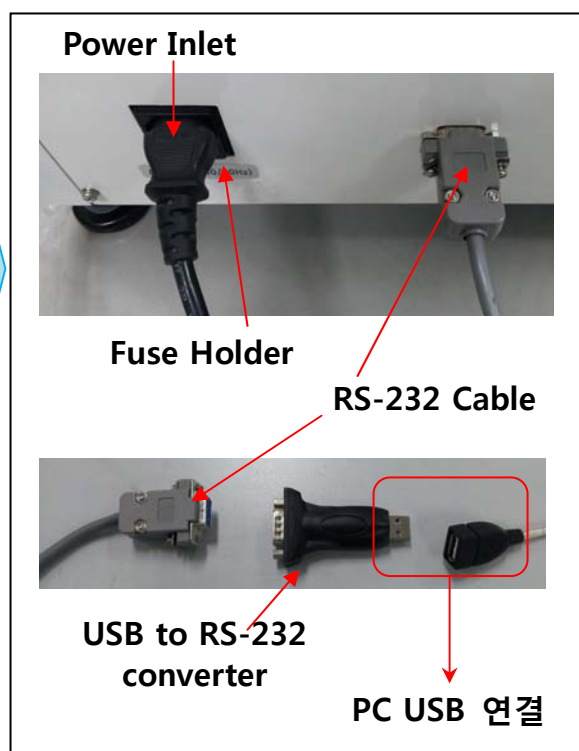
| | | |
|--------------------------------|---------------------------------------|--------------------------------------|
| Specification of main unit | MODEL | SCM-2020S |
| | LAY-OUT | 392 x 422 x 460 |
| | WEIGHT | 35kg |
| | POWER INPUT | Support for both AC220 50Hz and 60Hz |
| Specification of the equipment | Revolving speed | 200 ~ 1000 rpm |
| | Rotating speed | Ratio to revolving speed 1:4 |
| | Weight of the material | 500g (±30g) |
| | Bottle container | Special SYRING container of 500g |
| Memory function | A program which can handle data input | Max. 9ea |
| | Input of revolving speed | 200~1000rpm(Revolving) |
| | Setting of mixing time | 1 sec. ~ 99 min for timing, |
| | Setting steps | Max. 8 steps |

Note: The revolving speed may not reach the specified speed depending on the viscosity of the mixing material.

2. Part Names



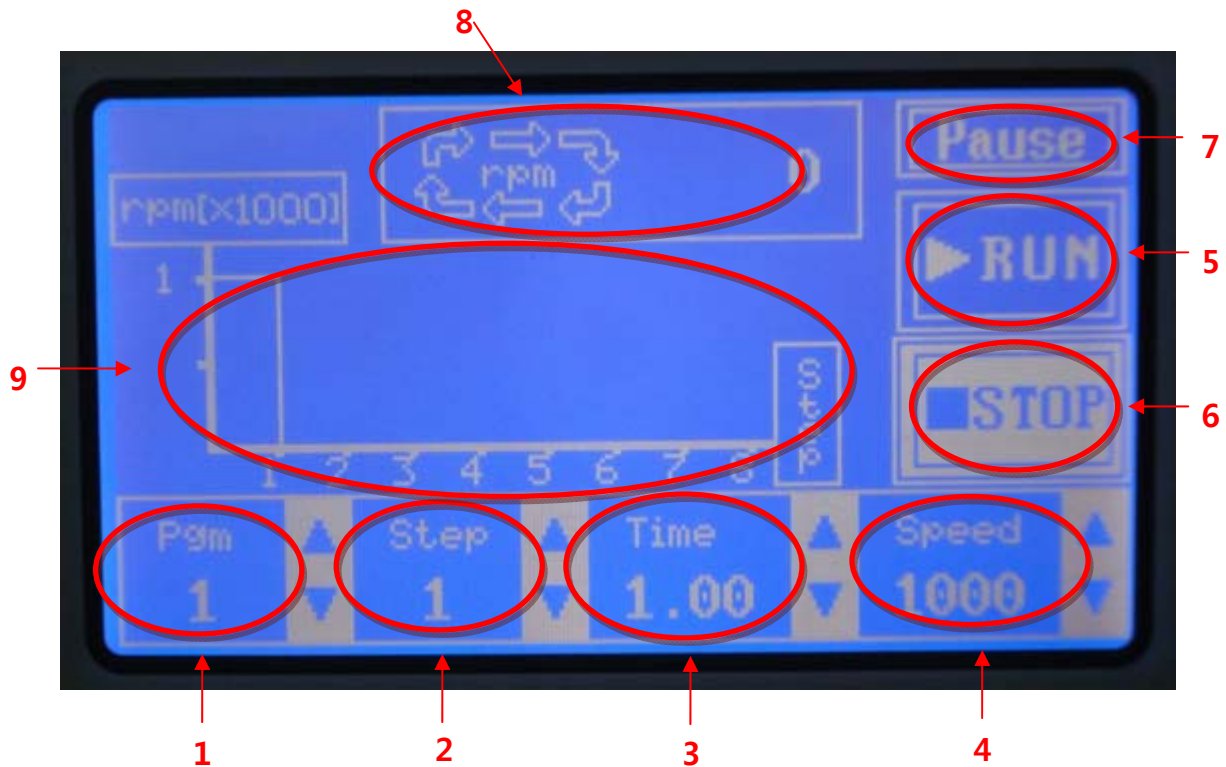
R
E
A
R



3. How to operate the touch panel

※ SOLDER record management system that uses interlocking control SOLMIX (SCM-2010S) if Manufacturing Technology Center, Samsung supplied separately refer to the process by which the wind

3-1. Functions



1. Pgm : You can assign up to 9 Programs.
2. Step : You can assign up to 8 Steps.
3. Time : It operates for the duration assigned for the Step. (0.00 ~ 99 min. (0.01step))
4. Speed : It operates at the speed assigned for the Step. (0, 200 ~ 1000rpm (50step))
5. Run: Start button
6. Stop: Stop button (When it stops, Step, Speed, and Time get reinitialized.)
7. Pause: Pause button
(When it is reactivated, it continues from the paused moment.)
8. rpm : The speed of revolution (max. allowance: 10%)
9. rpm[x1000] : It shows the progress for each Step as a graph.

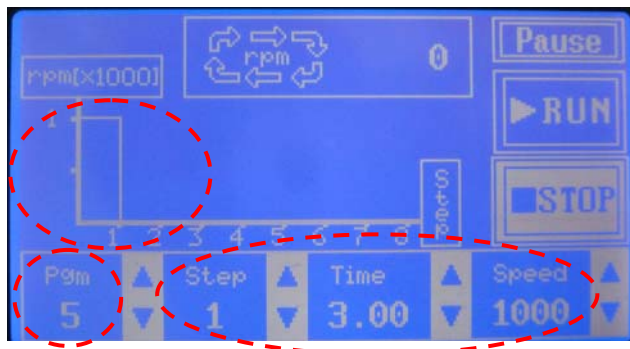
***Note**

1. It is not operating when the door is open.

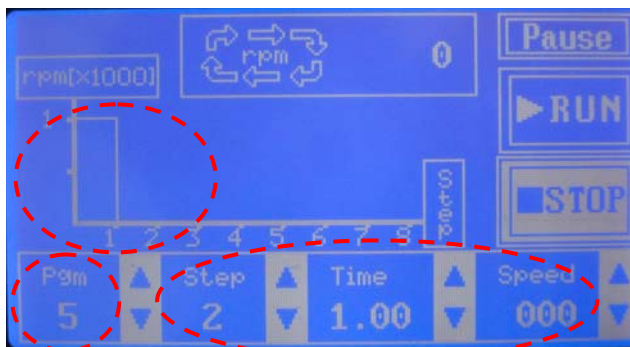
3-2. How to set the value

1. Select Pgm (Program No.).
2. After selecting the Step, assign the Time and the Speed. (Use Up/Down Keys to set the values.)

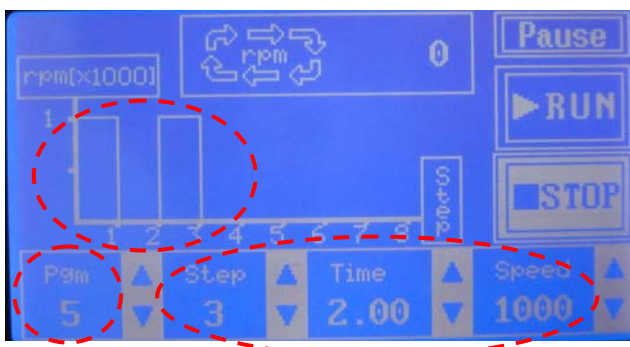
“ex) stop for 1 minute after mixing for Pgm5~3minutes, and stop after mixing for 2 minutes. (Speed: 1000)



- ① Step 1 ,Time 3.00,
Speed 1000 Setting



- ② Step 2, Time 1.00,
Speed 0 Setting



- ③ Step 3, Time 2.00,
Speed 1000 Setting

- ④ Unused step is
Time0,Speed 0 Setting
Time 0, Speed 0 Setting

3-3. How to operate the Program

1. Select Pgm (Program No.) as explained at 3-2 How to set the value.
2. Setting the time and method for each Pgm (1 ~ 9).

****Note****

Factory setting of Pgm for SCM-2020S is as follows.

Pgm 1. Stops mixing after 1 min.

Step 1, Set 1.00 for Time, 1000 for Speed

Pgm 2. Stops mixing after 1.5 min.

Step 1, Set 1.30 for Time, 1000 for Speed

Pgm 3. Stops Mixing after 2 min.

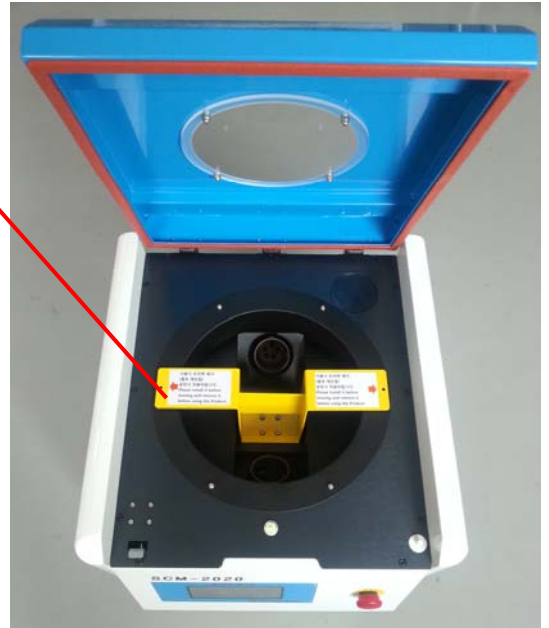
Step 1, Set 2.00 for Time, 1000 for Speed

Pgm 4. Stops Mixing after 2.5 min.

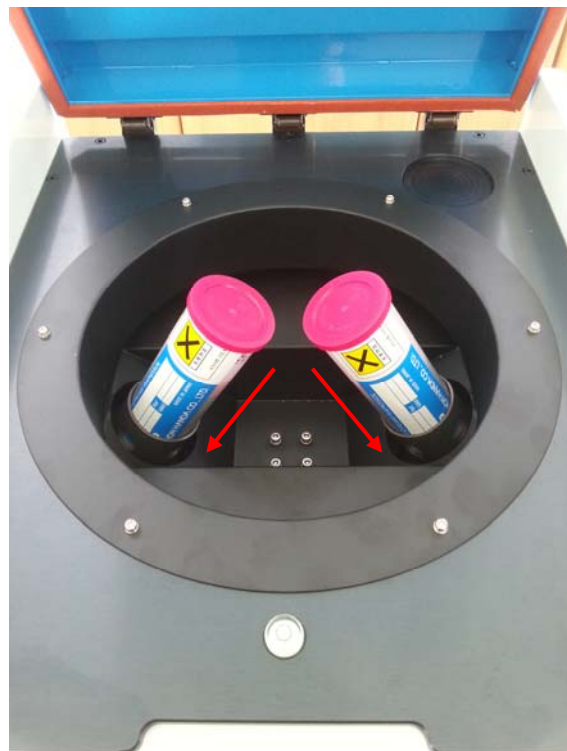
Step 1, Set 2.30 for Time, 1000 for Speed

3-4. How to prepare for mixing

1. This part is an anti-vibration safety device for transportation. Please install it before moving or transportation, and make sure to remove it before using the product.



2. Prepare the materials to be mixed and the container.
3. Insert the solder container as in the following picture. (Before inserting the container, insert the silicon first.)



4. Alarming and handling it

When a problem is detected in this product, the alarm gets activated and the operation gets suspended.

1) When the door is open

This happens when you press the Run button with the upper cover (door) open.

➔ The alarming will go away when you press the Alarm Message button after you close the door.

2) Alarming from vibration

If the mixing material does not meet the rules in quantity or in weight, it will cause severe vibration. The vibration will cause alarming and suspend the operation during the initial spinning. Please follow the rules.

➔ If you press the Alarm Message button, the alarm will go away.

3) Suspension in Emergency

This happens when the Emergency Suspension button (on the upper right corner) is pressed.

➔ You can reactivate by turning the Emergency Suspension button to the right, and press the Alarm Message button on the touch panel to stop alarming.

4) Malfunction of the motor

The alarm gets activated when malfunctioning of the motor is detected. This can happen when there are foreign particles in the motor or there are other problems in the motor. If there are foreign particles inside the motor, it will cause overload to the motor. You will have to protect from the foreign particles getting into the motor.

If the problems exist, please contact our A/S center.

5. Cautions in handling the product

The followings are important in handling this product. Please read carefully and follow the instructions.

1) Please use only the containers specifically made for this product.

If you use other containers, they may vibrate when they are used.

➔ Alarming ➔ Suspension of the operation

2) Follow the rules for the weight. This product has rules for the weight.

3) This product must be used after horizontally balancing it at a stable place.

4) The upper cover doesn't open during the transportation.

5) If you try to open it forcefully, you may damage the product and it can also be dangerous