

eC-reflow-mate – operator manual

menu **left button:**

- a) Press **menu** to enter the menu. Press **menu** again to move to the next entry in the menu list.
- b) To enter the menu, press **On ▲** or **Off ▼** to toggle to "yes".
To confirm press **menu** or wait two seconds. Select "no" to dismiss your selection. The following menu entries are available:
 1. **quit:** select "yes" to leave the menu.
 2. **sel. program:** select the desired temperature program for soldering.
Select "yes" to enter submenu. To choose the program from the list use ▲ or ▼ and confirm your selection with **menu**.
 3. **open door:** opens door (same function as **Off ▼** in idle display status)
 4. **temp. boost:** boosts the current temperature by the selected value. Use ▲ or ▼ to alter the boost temperature value.
 5. **temp. diff.:** sets the maximum allowed temperature difference between main and external sensors. Exceeding this difference will trigger an alarm.
 6. **temp. corr.:** calibrates the actual temperature shown on the display and used to control the oven. To determine the temperature close to the PCB use the external sensor. The temperature difference shown between main and external sensors gives the value to be entered here. Once this is set, the main sensor emulates the temperature of the external sensor which can then be detached.
 7. **holdtime:** sets the duration of the maximum temperature as defined in the profile. After this temperature is reached it will be held for the specified time.
 8. **casetemp.:** sets the maximum permitted case temperature. If this is exceeded an alarm is triggered.
 9. **preheater temp.:** sets the pre-heater temperature.
 10. **fan speed:** sets the fan speed as a percentage of maximum (%),
 11. **fan runtime:** sets the cooling time of the fan after the program has ended. Fan speed is always maximum (100%).
 12. **config.:** password protected configuration of machine parameters (reserved for manufacturer).
- c) Press to reset a displayed error message (only when resolved).

On ▲ **middle button:**

1. Starts selected soldering program.
2. Toggles "yes" / "no" selection in menu.
3. Increases values in submenu (e.g. fan speed / hold time).

Off ▼ **right button:**

1. Opens the drawer of the oven. Stops current soldering program.
2. Toggles "yes" / "no" selection in menu.
3. Decreases values in submenu (e.g. fan speed / hold time).

