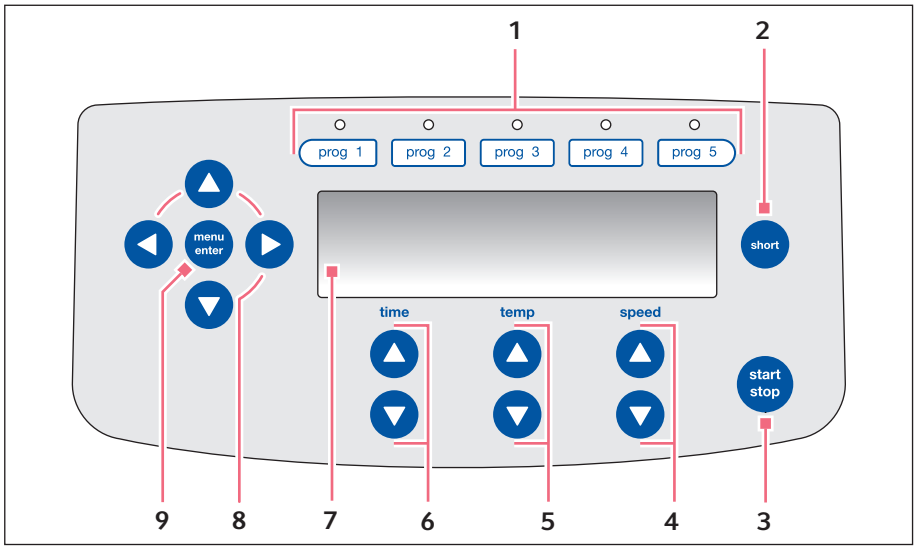
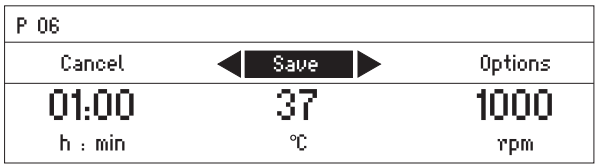
Short Instructions
Eppendorf ThermoMixer C
English (EN)

1 Operating controls



1	**Program keys with control LEDs** Press the program key: load program. Keep the program key pressed for 2 s to save current parameters.	5	**Arrow keys temp** Setting the temperature. Keep the arrow key pressed: quick setting. As soon as the set temperature is changed, the device begins to perform temperature control.
2	**Key short** Short Mix runs as long as the **short** key is pressed.	6	**Arrow keys time** Setting the mixing time. Keep the arrow key pressed: quick setting.
3	**Key start/stop** Press the **start/stop** key: start or stop mixing/ temperature control. Keep the **start/stop** key pressed for 2 s: pause (interrupt mixing process and time counting).	7	**Display**
		8	**Menu arrow keys** Navigate in the menu: load or edit programs, set key lock, set time mode, edit settings.
4	**Arrow keys speed** Setting the mixing frequency. Keep the arrow key pressed: quick setting.	9	**Key menu/enter** Open the menu. Confirm your selection.

2 Creating a program

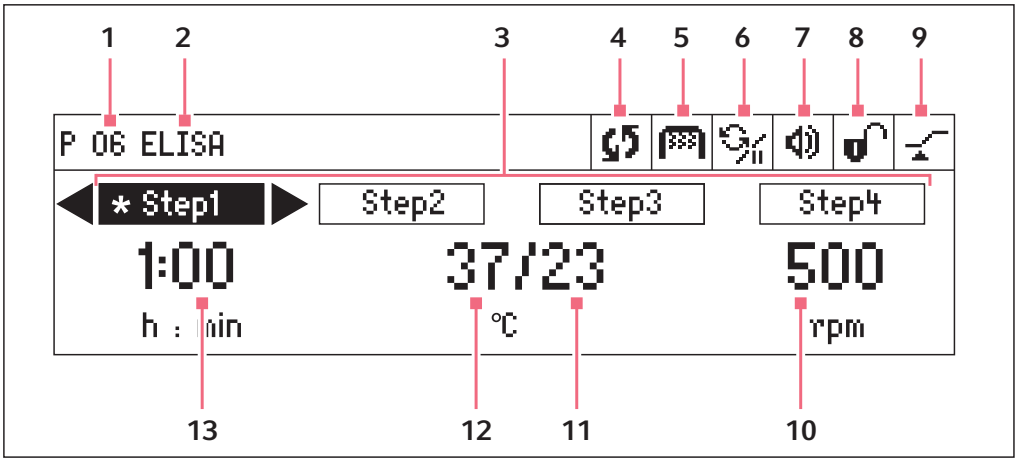


1. Open menu.
2. Select Program.
3. Select empty program slot. To edit a program, select the specific program slot.
4. Change parameters.
5. Save parameters as program.

3 Loading a saved program

On delivery, the program keys (4 °C, 16 °C, 37 °C, 56 °C and 95 °C) prog 1 to prog 5 are assigned as follows: **prog 1** Cooling, **prog 2** Ligation**, prog 3** Restr. Digest, **prog 4** Prot. K Digest, **prog 5** Denaturation.

4 Display ThermoMixer C



1	**Program number**	7	**Speaker** Speaker switched on. Speaker switched off.
2	**Program name**		
3	**Program levels (step 1 to step 4)** *: current step	8	**Key lock** Key lock activated: parameters cannot be changed. No key lock.
4	**Device status** Device is performing mixing/temperature control. Mixing process interrupted, temperature control to be continued.	9	**Time mode** *Time Control* Time counting begins immediately. *Temp Control* Time counting begins when the set temperature has been reached.
5	**ThermoTop** ThermoTop has been attached. In order to prevent the formation of any condensate in a reliable manner, the device first heats the ThermoTop until it reaches the set temperature. The tempering of the thermoblock occurs with a delay. After inserting samples into a pre-heated thermoblock, the displayed actual temperature may fall temporarily.	10	**Mixing frequency**
		11	**Actual temperature** When the actual temperature flashes on the display, the device does not operate.
		12	**Set temperature** When the set temperature has been reached, only one value is displayed.
6	**Interval Mix** Interval Mix has been activated for the current step.	13	**Mixing time**

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