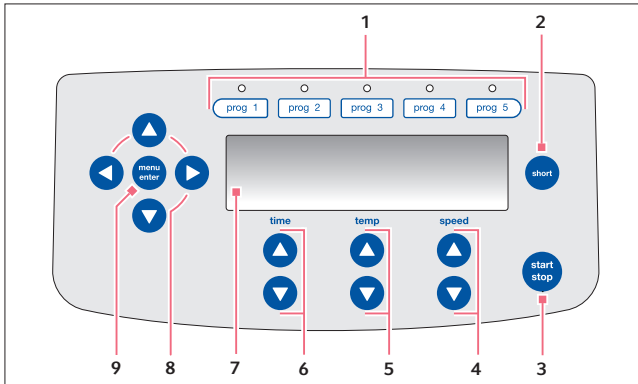


## Short Instructions

Eppendorf ThermoMixer C

English (EN)

### 1 Operating controls



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

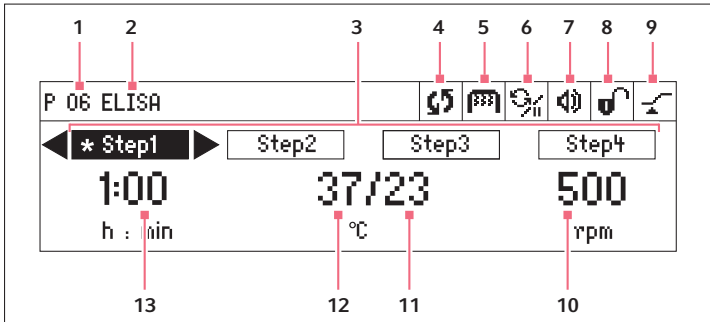
### 2 Creating a program

<p>The screenshot shows the display of program P 06. It has three columns of data: '01:00' (h:min), '37' (°C), and '1000' (rpm). A 'Save' button is highlighted in the center, with 'Cancel' on the left and 'Options' on the right.</p>	<ol style="list-style-type: none"> <li>1. Open menu.</li> <li>2. Select Program.</li> <li>3. Select empty program slot. To edit a program, select the specific program slot.</li> <li>4. Change parameters.</li> <li>5. Save parameters as program.</li> </ol>
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### 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 <b>Speaker</b> Speaker switched on. Speaker switched off.
2 Program name	
3 Program levels (step 1 to step 4) *: current step	8 <b>Key lock</b> Key lock activated: parameters cannot be changed. No key lock.
4 <b>Device status</b> Device is performing mixing/temperature control. Mixing process interrupted, temperature control to be continued.	9 <b>Time mode</b> <i>Time Control</i> Time counting begins immediately. <i>Temp Control</i> Time counting begins when the set temperature has been reached.
5 <b>ThermoTop</b> 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 <b>Mixing frequency</b>
6 <b>Interval Mix</b> Interval Mix has been activated for the current step.	11 <b>Actual temperature</b> When the actual temperature flashes on the display, the device does not operate.
	12 <b>Set temperature</b> When the set temperature has been reached, only one value is displayed.
	13 <b>Mixing time</b>

**Short Instructions**  
Eppendorf ThermoMixer C

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