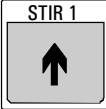

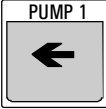
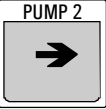


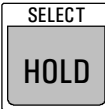
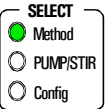
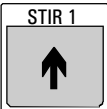

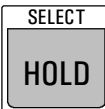
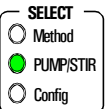


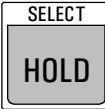
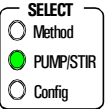
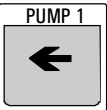
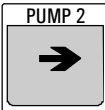
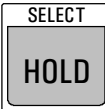
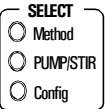







824 Easy Sample Changer

Quick Reference



8.824.1113

Manual operation		Normal state	
  Lift operation Raises or lowers the lift.		  Shifting the rack Shifts the rack by one position to the left (anticlockwise) or to the right (clockwise).	
 Initialize Sample changer Initializes the Sample changer. Lift and rack are reset to initial position.		 Starts a method Starts the Sample changer, executing the active method.	
1x <SELECT>   Method selection Use the <↓> and <↑> key to select one of method 1 to 4. The actually selected method is indicated by LED 1 to 4 .		  Accept with <SELECT>	
2x <SELECT>   Switching on/off Stirrer 1 or 2 Use the <STIR 1> and <STIR 2> key to switch on or off stirrer 1 or stirrer 2 resp. The status of stirrer 1 is indicated by LED 1 , the one of stirrer 2 is indicated by LED 2 .		  Continue with <SELECT>	
2x <SELECT>   Switching on/off external pump 1 or 2 Use the <PUMP1> and <PUMP 2> key to switch on or off external pump 1 or external pump 2, resp. The status of pump 1 is indicated by LED 3 , the one of pump 2 is indicated by LED 4 .		  Continue with <SELECT>	
  Back to normal state		 Status Press <SELECT> as often as necessary until all [SELECT]-LEDs are off. In normal state the status LED is lit.	

Status indication	Status LED
 Status  Status LEDs 1...4 flashing	LED is lit Device is in normal state (ready). LED is off Device is in error state. Press <HOLD> to quit, then <STOP> or <START> . The combination of flashing LEDs 1 to 4 identifies the error number.
	 Status  Status
	LED flashes slowly Method running (busy). LED flashes rapidly Device is in HOLD state. Press <STOP> or <START> .

Settings

<p>3x <SELECT></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>SELECT</p> <p><input type="radio"/> Method</p> <p><input type="radio"/> PUMP/STIR</p> <p><input checked="" type="radio"/> Config</p> </div> <p>LED</p> <ul style="list-style-type: none"> ● 1 Work position ● 2 Rinse position ● 3 Shift position ● 4 Stirring rate 	<div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 1 ↑</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 2 ↓</div> </div> <p>Accept/Continue with <→></p> <div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 1 ↑</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 2 ↓</div> </div> <p>Accept/Continue with <→></p> <div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 1 ↑</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 2 ↓</div> </div> <p>Accept/Continue with <→></p> <div style="text-align: center;"> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 1 ↑</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">STIR 2 ↓</div> </div> <p>Accept/Continue with <SELECT></p> </div> </div> </div></div>	<p>Setting the work position of the lift (LED 1)</p> <p>Use the <↓> and <↑> key to define the lift's work position. Adjust to the beaker size. This setting is specific to the sample rack.</p> <p>Setting the rinse position of the lift (LED 2)</p> <p>Use the <↓> and <↑> key to define the lift's rinsing position. This setting is specific to the sample rack.</p> <p>Setting the shift position of the lift (LED 3)</p> <p>Use the <↓> and <↑> key to define the lift's shift position. Adjust to the beaker size. This setting is specific to the sample rack.</p> <p>Setting the stirring rate (LED 4)</p> <p>Use the <↓> and <↑> key to define the stirring rate (15 steps) of both of the stirrers. <↑> raises the stirring rate, <↓> lowers the stirring rate.</p> <p>This setting is specific to the method.</p>
<div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>SELECT</p> <p><input type="radio"/> Method</p> <p><input type="radio"/> PUMP/STIR</p> <p><input type="radio"/> Config</p> </div>	<div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px 0;"> <p>SELECT</p> <p>HOLD</p> </div>	<p>Back to normal state</p> <p>The settings are accepted with <SELECT>. The Sample changer is switched to normal state.</p> <p>The status LED is lit.</p>

Series operating

Course of a method/ Keys

