

Stirring Hot Plate

Heizrührer

Georg-August-Universität Göttingen



Stirring Hot Plate

A stirring hot plate is a magnetic stirrer with a heating function.

Solutions in reaction vessels and/or heating baths can be stirred and simultaneously heated.

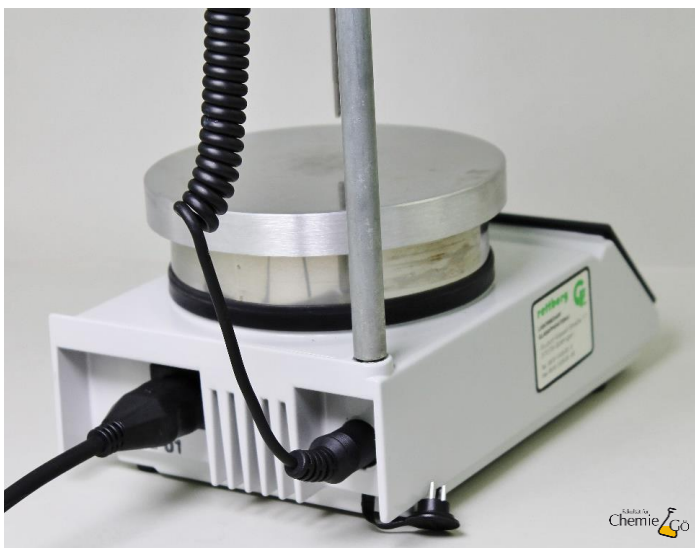


The stirring speed is adjusted with the right control knob. The temperature can roughly be adjusted with the left controller.



To accurately adjust the temperature of the heating bath, a contact thermometer is connected.

The temperature sensor must be immersed in the heating bath but not touch to bottom.



The contact thermometer is connected at the back of the stirring hot plate as shown in the picture.



If the stirring hot plate is used without a contact thermometer, the temperature connector (left) must be covered with the cap, as otherwise the heating function does not work.

The temperature can then roughly be adjusted using the controller.



Stirring bars are used to continuously mix the reaction solution in a flask (see picture) or the heating bath.



They are available in different shapes and sizes.