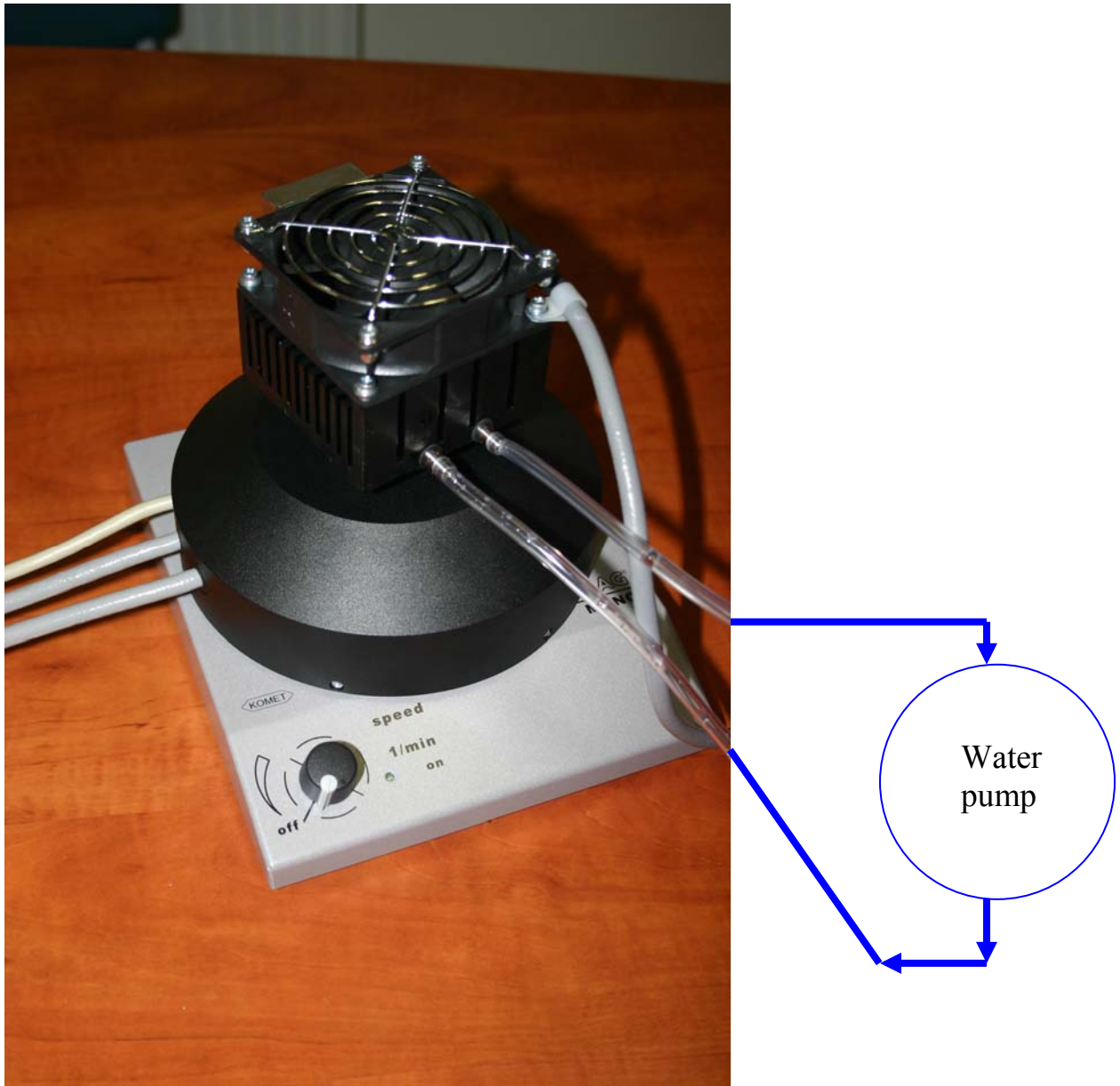


Thermoregulator TR2000 Instructions:



- The Thermoregulator TR2000 controls the temperature of the sample in the range of 0°C - 60°C when used with the PSI Fluorometers.
- Additional water circuit is required to cool the sample below 10°C. The temperature of circulating water must be lower than 20°C.
- To keep whole volume of the sample at the desired temperature, it is necessary to use the PSI Magnetic Stirrer.

Magnetic Stirrer Instructions:



- Use a BNC cable to control the Magnetic Stirrer from the Fluorometer Control Unit. Plug the cable in the Fluorometer AUX6 output and in the Magnetic Stirrer as shown on the picture.
- To control the Magnetic Stirrer during the experiment, use the protocol command:
`<start_time>=>A6(duration)`
i.e., if you want to stop stirring during the experiment which takes 60 seconds (QA reoxidation), write at the end of QA reoxidation protocol:
`<0s>=>A6(60s)`
- It is recommended to switch the Stirrer off during experiments because it lowers the noise of measured signal. There is green LED indication when the Stirrer is on.
- The frequency of stirring can be adjusted manually by the black button on the front panel of the Magnetic Stirrer.
- It is advisable to use a magnetic bar of 8mm x 3mm for a standard cuvette.