

802 Stirrer



Manual

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WARNING



WARNING



WARNING

2

Supply voltage



WARNING

An incorrect supply voltage can damage the instrument.

Only operate this instrument with a supply voltage specified for it (see rear panel of the instrument).

Protection against electrostatic charges



WARNING

Electronic components are sensitive to electrostatic charges and can be destroyed by discharges.

Do not fail to pull the power cord out of the power socket before you set up or disconnect electrical plug connections at the rear of the instrument.

1.3.3 Working with liquids



CAUTION

Periodically check all system connections for leaks. Observe the relevant regulations in respect to working with flammable and/or toxic fluids and their disposal.

1.3.4 Flammable solvents and chemicals



WARNING

All relevant safety measures are to be observed when working with flammable solvents and chemicals.

- Set up the instrument in a well-ventilated location (e.g. fume cupboard).
- Keep all sources of flame far from the workplace.
- Clean up spilled liquids and solids immediately.
- Follow the safety instructions of the chemical manufacturer.



1.3.5 Recycling and disposal



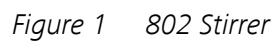
This product is covered by European Directive 2012/19/EU, WEEE – Waste Electrical and Electronic Equipment.

The correct disposal of your old instrument will help to prevent negative effects on the environment and public health.

More details about the disposal of your old instrument can be obtained from your local authorities, from waste disposal companies or from your local dealer.



2.1 802 Stirrer



For connecting the propeller stirrer to the stirrer connector of a device or to a controller.

For fastening a stirring propeller.

2.2 802 Stirrer with its own control

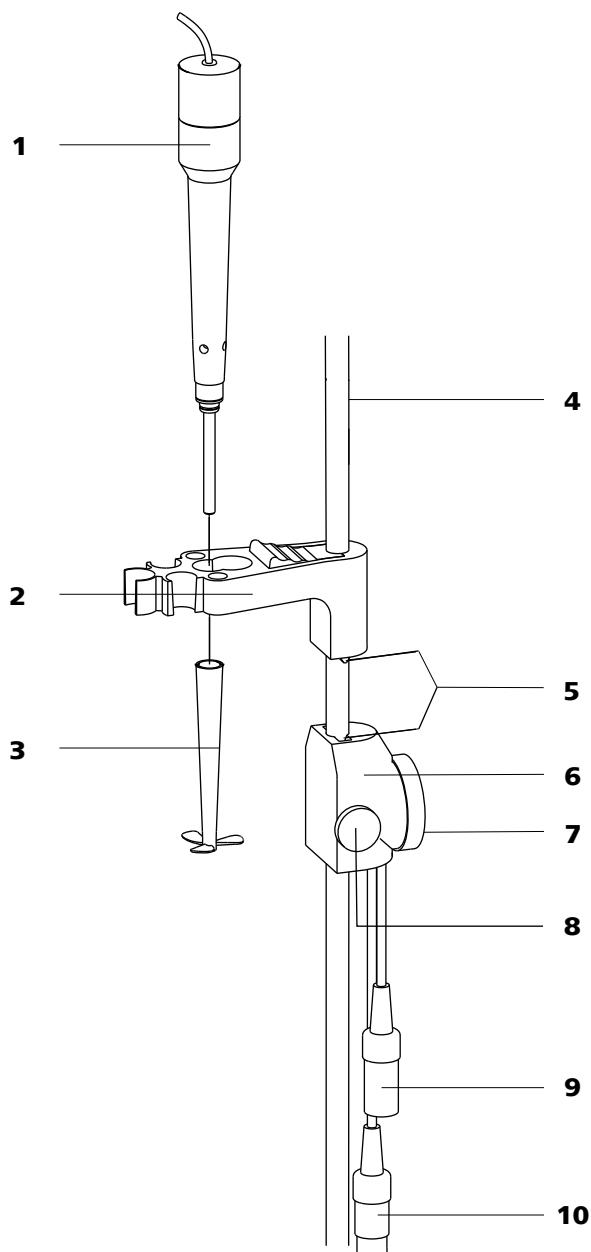


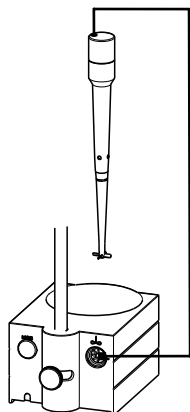
Figure 2 802 Stirrer with its own control

1	Drive of the propeller stirrer	2	Electrode holder (6.2021.020)
3	Stirring propeller (6.1909.0104)	4	Support rod (6.2016.070) Length 40 cm
5	Switching contacts The stirrer is switched on by a suitably attached electrode holder.	6	Controller (6.2137.000) For controlling the stirring rate

For connecting a power supply:
EU 230V / 9V DC
USA 110V / 9V DC

- 1 Insert the propeller stirrer 802 Stirrer without the stirring propeller from above into the center opening of the electrode holder.
- 2 Plug the stirring propeller from below to the propeller stirrer.

3.3 Connecting the 802 Stirrer to the titration stand



- 1 Connect the cable of the 802 Stirrer to the corresponding stirrer connector (with stirrer symbol) of the titration stand.

Connect the propeller stirrer with the titration stand as follows:

- 1 Exit the control software.
- 2 Connect the connection cable of the titration stand to one of the sockets marked with **MSB** on the rear of the control device.
- 3 Connect the propeller stirrer to the stirrer socket (with stirrer symbol) of the titration stand.
- 4 Start the control software.

4.5 Connectors specifications

Energy supply 5-pin DIN plug

4.6 Stirrer specifications

Maximum rotational speed 2,250 rpm

Rotational speed settings -15 - +15

Change in rotational speed per step 140 - 150 rpm

