



SpinChem® MiniRBR

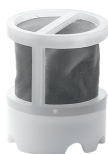
Assembly Guide & Operational Instructions



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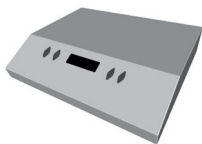
Products



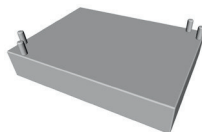
MiniRBR



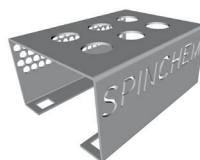
Reaction tube



Stirring control unit

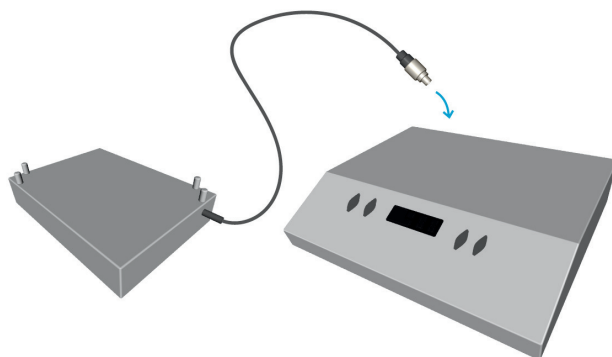


Magnetic stirrer

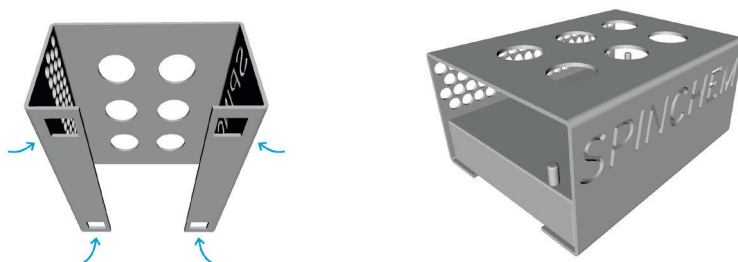


Tube rack

- 1** Connect the magnetic stirrer device to the control unit



- 2** Place the magnetic stirrer device into the tube rack
Fit the rubber stands of the magnetic stirrer into the corresponding sockets of the tube rack



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Fill the body of the MiniRBR with preferred resin.

Note! Consider resin swelling when filling the MiniRBR - wet resin is recommended



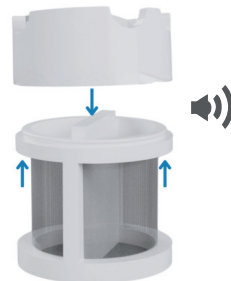
4

Secure the lid by applying pressure between the lid and the top edge of the body.

Note! There should be a click sound.



Check that the lid is secured before turning the MiniRBR upside down.



5 Fill the tube with solution



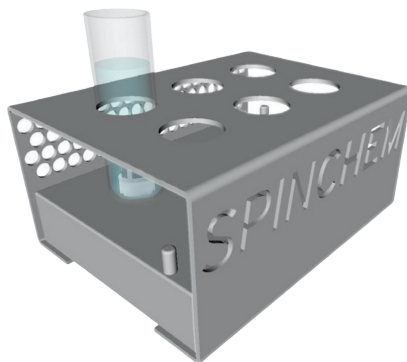
6 Add the MiniRBR into the tube Make sure that the MiniRBR is completely submerged in the solution, and that no bubbles are trapped inside



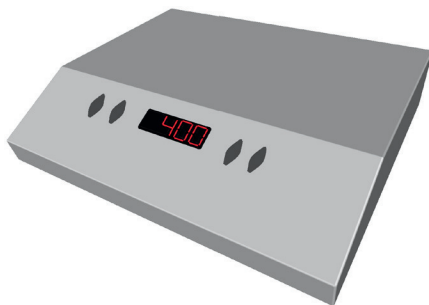
If bubbles are observed,
use a pipette to release the air



- 7** Put the tube into the tube rack



- 8** Start the magnetic stirrer device at a moderate speed (~400 rpm) If a higher speed is required, increase the rpm when the MiniRBR has stabilized



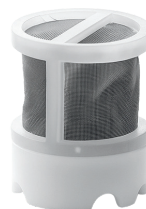
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Samples are easily collected during or after the reaction span



SpinChem® MiniRBR

MiniRBR in polyamide for catalysis, immobilization and adsorption.



Properties

Material:	Glass reinforced polyamide (PA6-GF15)
Diameter:	16 mm
Height:	20 mm
Weight:	1.8 g
Maximum solids capacity:	1.5 mL
Filter porosity:	36 μ m
Speed:	300-1200 rpm
Reaction tube working volume:	5-15 mL
Operating temperature:	-10 to +50 °C

For detailed information regarding general chemical resistance, please check the SpinChem website Support page (or reach out to the SpinChem team directly.



<https://spinchem.com/support/>

SpinChem® reaction tube

Transparent, flat base tube in polypropylene for liquid volumes up to 23 mL. Cap included.



Properties

Material:	Polypropylene (PP)
Inner diameter:	21.5 mm
Outer diameter:	23.5 mm
Height:	75 mm
Weight:	7.5 g (5.5 g without cap)
Liquid volume:	23 mL

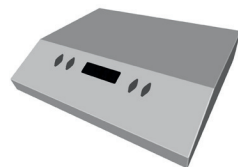
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SpinChem® stirring drive control unit

Control unit for magnetic stirrer, with four power settings (25%, 50%, 75%, 100%), and automatic memory function for last used settings.



Properties

Material (housing):	Stainless steel
Height:	38 mm
Length:	200 mm
Depth:	155 mm
Speed range:	100-2000 rpm
Input voltage:	100-240 VAC
Output voltage:	48 VDC
Frequency:	50-60 Hz
Electric current:	1.5 A
Stirring power:	10 W
Operational temperature:	0 to +40 °C

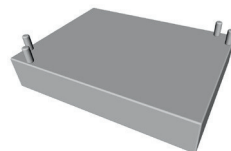
SpinChem® magnetic stirrer kit

Water proof magnetic stirrer, suitable for water baths, oil baths, incubators and ovens up to +50°C.

Properties

Properties

Material:	Stainless steel
Height:	26 mm
Length:	140 mm
Depth:	102 mm
Stirring points:	6 (2x3)
Stirring point distance:	39 mm
Operating voltage:	48 VDC
Stirring power:	10 W
Operational temperature:	-10 to +50 °C

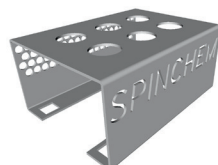


SpinChem® tube rack

Tube rack in stainless steel with sockets for docking the magnetic stirrer, and handles for lifting.

Properties

Material:	Stainless steel
Height:	67 mm
Length:	143 mm
Depth:	109 mm
Tube positions:	6 (2x3)





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