

SpinChem® MiniRBR

Assembly Guide &
Operational Instructions



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Products



MiniRBR



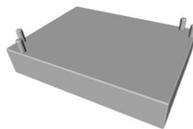
**Reaction
tube**



Pipette



Stirrer control unit

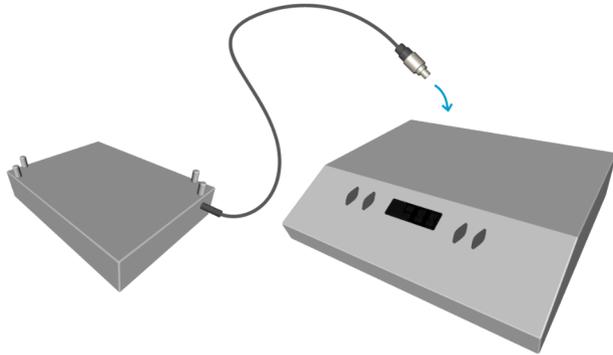


Magnetic stirrer

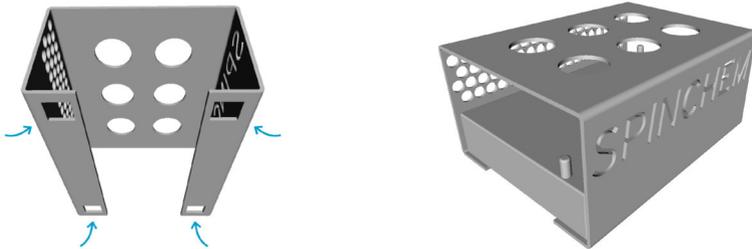


Tube rack

- 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



3

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.

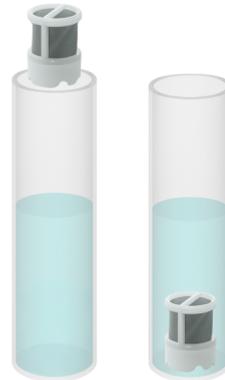
5

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 the resin repels the fluid, you can try to remove air from the MiniRBR using a pipette

7

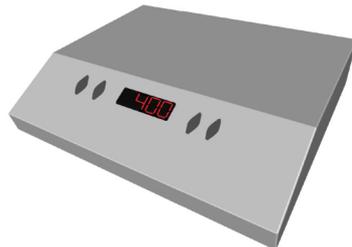
Put the tube into the tube rack



If using your own stirrer, make sure that the tube is positioned in the middle

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



9

Samples are easily collected during or after the reaction span



10

Troubleshooting

For more information or to contact our team, visit the support page.



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

SpinChem® MiniRBR

9014-00285

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 μm
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



Pipette

Transparent, LDPE, disposable, unbreakable “all-in-one” pipette. Non-toxic and can be incinerated. Can be heat-sealed and frozen

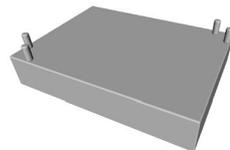
Properties

Material:	Low-density polyethylene
Length:	150 mm
Stem diameter:	7,8mm
Capacity:	7,0 ml
Bulb draw	3,5 ml



SpinChem® Magnetic Stirrer

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



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: Depth:	143 mm
Tube positions:	109 mm
	6 (2x3)

SpinChem® Magnetic Stirrer 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
Output voltage:	VAC 48
Frequency:	VDC 50-60 Hz
Electric current:	1.5 A
Stirring power:	10 W
Operational temperature:	0 to +40 °C



SpinChem AB, Tvistevägen 48 C, SE-907 36 Umeå, Sweden
+46 70 689 25 01 | info@spinchem.com | spinchem.com