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# Rotary evaporator with integrated heating bath and vertical glassware

**IKA® - RV 10 control V**

**MICRONANOFAB**

## GENERAL DESCRIPTIONS:

- ✓ The Mitos P-Pump provides pulseless liquid flow with a precise pressure driven pumping mechanism.
- ✓ Heating bath with adjustable safety circuit, "stand alone" operation possible, pivoting safety hood as accessory
- ✓ Motorised lift (stroke 140 mm) with "safety stop" function, if the power cuts out the evaporator piston is automatically lifted out of the heating bath.
- ✓ Push-off mechanism to loosen tightly fitting pistons
- ✓ Temperature control of the heating bath by a micro controller
- ✓ Infrared interface for data transfer from the heating bath to the drive unit
- ✓ RS 232 interface for PC remote operation with labworldsoft
- ✓ Integrated vacuum controller with central display for automatic distilling and ramp Programming
- ✓ Integrated solvent library, extendible by the client
- ✓ Integrated cooling water monitoring
- ✓ Heating bath safety management: automatic heating bath monitoring with distillation stop in case of temperature errors

## APPLICATIONS:

Solvent removal  
Distillation  
Liposomes preparation  
Vacuum controlled reactions

## PERFORMANCES:

- ✓ Cooling surface: 1,200 cm<sup>2</sup>
- ✓ Speed range: 20 - 280 rpm
- ✓ Reversible direction of rotation: yes
- ✓ Heating temperature range: room temp. - 180 °C
- ✓ Heat output: 1300 W
- ✓ Heat control accuracy: 1 ±K
- ✓ Vacuum controller integrated: yes
- ✓ Measurement accuracy: +/-2 mbar
- ✓ Vacuum adjustment range: 1050 - 1 mbar



## AVANTAGES:

Easy to use  
Wide applications range  
Wide vacuum adjustable range  
Small footprint  
Integrated vacuum and cooling water controllers

## Contact Persons:

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