

# ROTARY EVAPORATOR RC 900

DATA SHEET E 400



## Technical features

- Central remote control for all functions
- Fast and easy change of the flask
- Automatic lift up of the flask in case of power outage
- Operating display of heating bath

## Technical data

### MATERIAL FOR PARTS CONTACTING THE MEDIA

Glass parts	Borosilicate glass
Vapor tube seal	PTFE compound
Refilling valve's fitting	PP
Fitting seal	Silicone
Plugs seal	PTFE-coated

### COOLANT LINE MATERIAL

Fittings on condenser	PP
Fitting seal	Silicone
Connections on tower	brass/galvanized
Internal connections	Norprene®, PA, stainless steel
Tubing	Norprene®

### VACUUM LINE MATERIAL

Fitting on condenser	PP
Connections on tower	PVDF, stainless steel
Inner connections	PTFE, PVDF, stainless steel
Tubing	Norprene®

### ELECTRICAL PARAMETERS

Nominal voltage [V]	100 – 127 200 – 240
Frequency [Hz]	50 – 60
Heating output [W]	1300
Max. watt consumption [W]	1500
Maximum operating current [A]	
100 – 127 V	13
200 – 240 V	6.5
Protection class	IP 20

### HEATING BATH

Heating bath temperature [°C]	20 - 180
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### COOLANT SUPPLY PARAMETERS (CHILLED CONDENSER)

Permissible pressure [bar]	3
Permissible temperature [°C]	-15 to +20
Coolant-coated surface [cm <sup>2</sup> ]	1230

### PARAMETERS OF EVAPORATION FLASK

Size of evaporation flask [ml]	50 – 3000
Rotational speed of evaporation flask [1/min]	25 – 250
Length of stroke [mm]	150
Lifting speed [mm/s]	38

### OTHER DATA

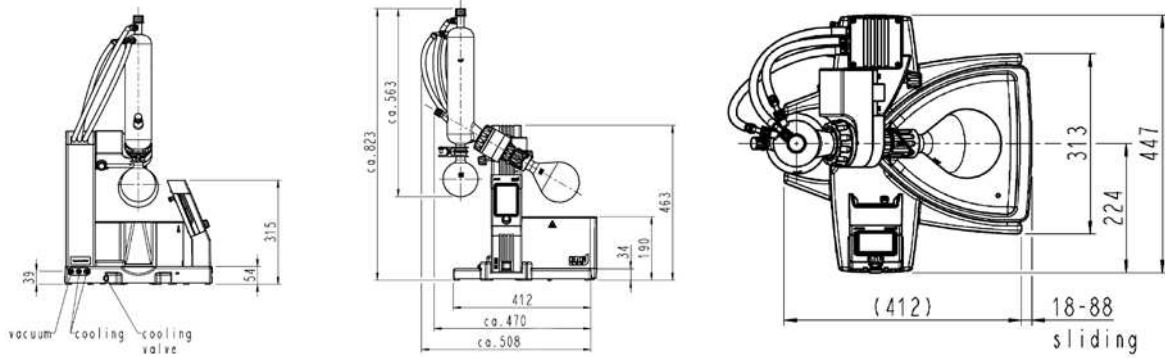
Total weight [kg]	9.1
Dimensions W x H x D [mm]:	
- without glass (footprint)	431 x 464 x 447
- with glass	487 x 823 x 447
Vacuum, coolant, and refill connections	GL14
Maximum altitude of installation [m above sea level]	2000

### REMOTE CONTROL UNIT

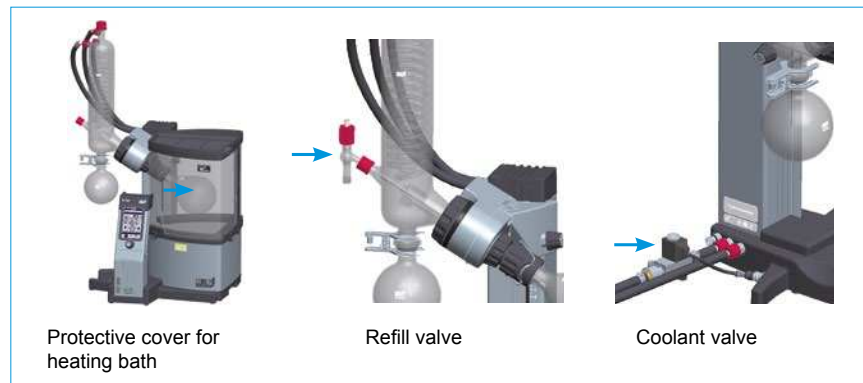
Wireless range	approx. 50 m without obstacles
Power supply	Through integrated batteries or included power supply
Batteries	4 x AA 1.2 V 2300 mAh; quick-charge
Battery service life	Up to 12 hours
Charging time	About 7 hours

## Dimensions

### RC 900



ACCESSORIES	ID
Protective cover for heating bath	127204
Refill valve	300639
Coolant valve	300853
Vacuum seal	113046
Dry ice cold finger	301696



## Combination possibility



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## KNF SALES ORGANIZATION

**Australia** KNF Regional Office  
Moreland West VIC 3055  
Tel. +61 3 9386 4959  
info@knf.com.au  
www.knf.com.au

**Benelux Netherlands** KNF Verder B.V.  
3451 GG Vleuten  
Tel. +31 30 677 92 40  
info@knf-verder.nl  
www.knf-verder.nl

**Benelux Belgium and Luxemburg**  
KNF Verder N.V.  
2630 Aartselaar  
Tel. +32 3 871 96 24  
info@knf.be  
www.knf.be

**China** KNF Technology (Shanghai) Co., Ltd.  
Shanghai 201203  
Tel. +86 21 5109 9695  
info@knf.com.cn  
www.knf.com.cn

**France** KNF Neuberger SAS  
68128 Village-Neuf  
Tel. +33 389 70 35 00  
info@knf.fr  
www.knf.fr

**Germany** KNF Neuberger GmbH  
79112 Freiburg  
Tel. +49 7664 5909 0  
info@knf.de  
www.knf.de

**India** KNF Pumps + Systems (India) Pvt. Ltd.  
Hinjewadi Pune 411 057  
Tel. +91 20 640 13 923  
info@knfpumps.in  
www.knfpumps.in

**Italy** KNF Italia S.r.l.  
20063 Cernusco s. Naviglio (MI)  
Tel. +39 02 929 04 91  
info@knf.it  
www.knf.it

**Japan** KNF Japan Co. Ltd.  
Tokyo 104-0033  
Tel. +81 3 3551 7931  
info@knf.co.jp  
www.knf.co.jp

**Korea** KNF Neuberger Ltd.  
135-502 Seoul  
Tel. +82 2 959 0255  
knf@knfkorea.com  
www.knfkorea.com

**Latin America** KNF Regional Office  
Tel. +1 609 649 1010  
gb@knf.com  
www.knf.com/es

**Morocco, Tunisia, Algeria**  
KNF Neuberger SAS  
68128 Village-Neuf  
Tel. +33 389 70 35 00  
info@knf.fr  
www.knf.fr

**Singapore** KNF Regional Office  
Tel. +65 9722 1994  
info@knf.com.sg  
www.knf.com.sg

**Sweden, Finland, Denmark, Norway**  
KNF Neuberger AB  
117 43 Stockholm  
Tel. +46 8 744 51 13  
info@knf.se  
www.knf.se

**Switzerland** KNF Neuberger AG  
8362 Balzerswil  
Tel. +41 71 973 99 30  
knf@knf.ch  
www.knf.ch

**UK, Ireland** KNF Neuberger U.K., Ltd.  
Witney, Oxfordshire OX28 4FA  
Tel. +44 1993 77 83 73  
info@knf.co.uk  
www.knf.co.uk

**USA, Canada** KNF Neuberger, Inc.  
Trenton, NJ 08691-1810  
Tel. +1 609 890 8600  
knfusa@knf.com  
www.knfusa.com

## KNF PRODUCT CENTERS

**Gas Pumps** KNF Neuberger GmbH  
DE-79112 Freiburg  
info@knf.de  
www.knf.de

**Micro Gas Pumps** KNF Micro AG  
CH-6260 Reiden  
info@knf-micro.ch  
www.knf-micro.ch

**Liquid Pumps** KNF Flodos AG  
CH-6210 Sursee  
info@knf-flodos.ch  
www.knf-flodos.ch