

Rotary evaporator RS 100 PRO

RS *Lab*



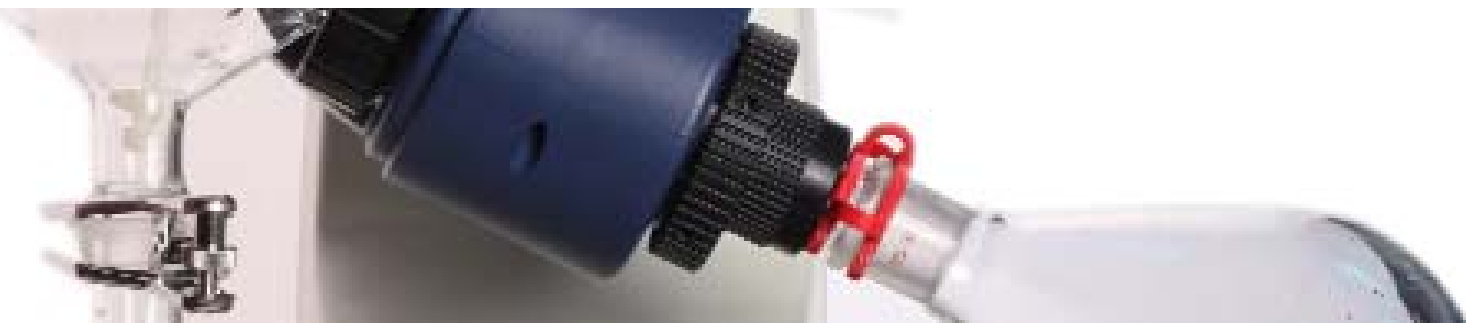
model RS 100-PRO

We present the new rotary evaporator RSLAB model RS 100-PRO which expands our product line of evaporators. It includes some innovation : a wide operating panel with large LCD display for a digital control of lot of parameters as speed, temperature, timer.

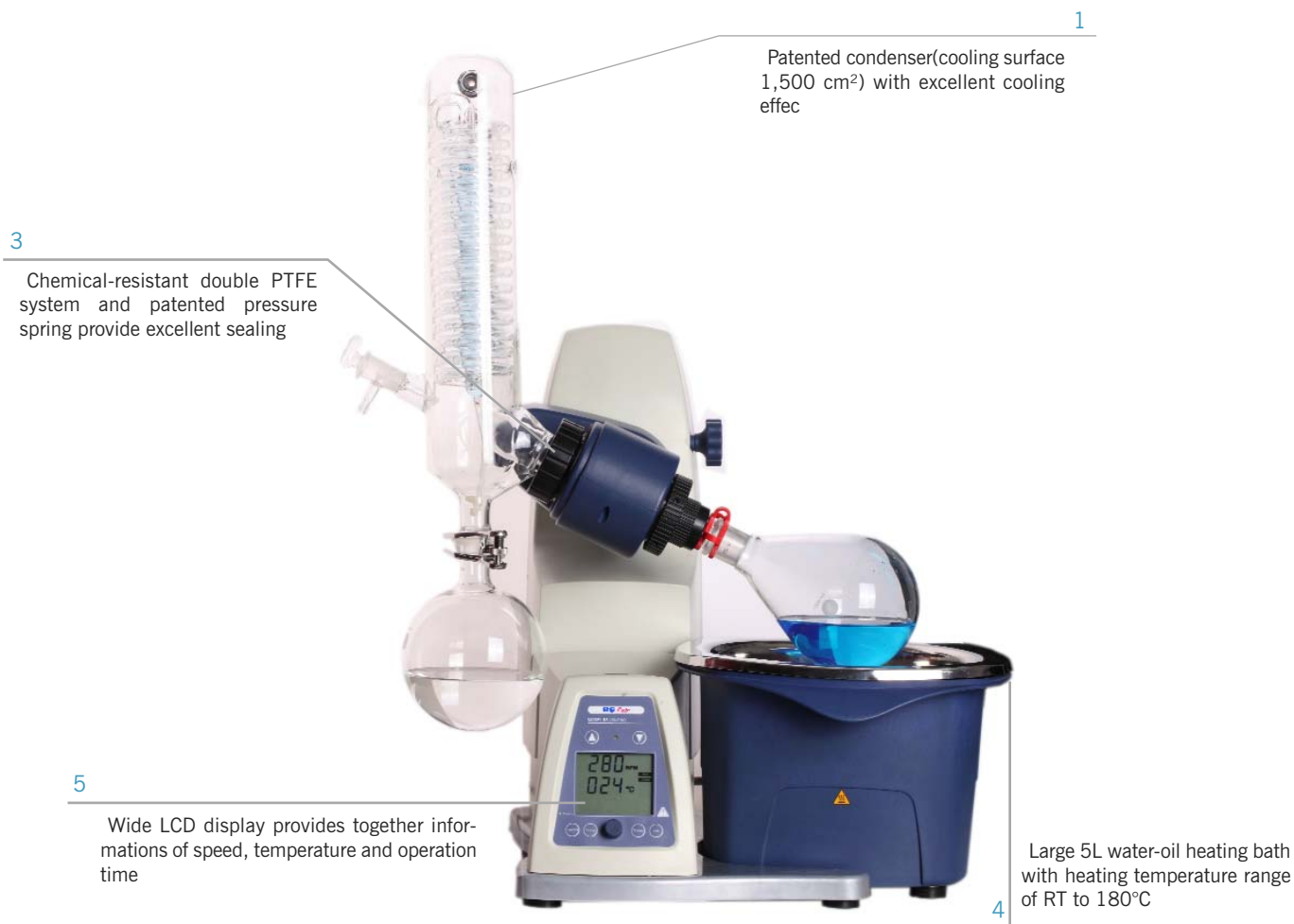
Its range of applications is very large and provides reactions of distillation and separation liquid / liquid, liquid / solid, etc. This model can be used in many fields such as chemistry and biochemistry, food, industrial processes, research and education.

FEATURES

- [01] Wide LCD display provides together informations of speed, temperature and operation time .
- [02] Speed range from 20 up to 280 r.p.m.
- [03] Large 5L water-oil heating bath with heating temperature range of RT to 180°C
- [04] Digital temperature control and adjustable safety circuit
- [05] Designed a wide operating panel with a multi-parameters display
- [06] Patented condenser(cooling surface 1,500 cm²) with excellent cooling effect
- [07] Motorized lift with quick-action, automatic release evaporating flask to top position in case of power failure
- [08] Adjustable final position recognition to protect operator and sample against breakage
- [09] Evaporating flask with an ejector, convenient to remove
- [10] Chemical-resistant double PTFE system and patented pressure spring provide excellent sealing
- [11] PC can control and document all parameters via USB



Rotary evaporator RS 100-PRO



technical specifications

Code	59400330
Power [W]	1400
Motor	DC brushless motor
Speed range [r.p.m.]	20 - 280
Reversible direction of rotation	Yes
Temperature [°C]	RT - 180
Heat control accuracy [°C]	+/- 1
Temperature display	LCD
Lift	Motorized
Stroke [mm]	150
Timer	Yes
Time setting range [min]	1 a 999
Dimensions [D x P x H mm]	465x457x583
Weight [Kg]	15
USB	Yes
Protection Class acc. DIN EN60529	IP20

Display

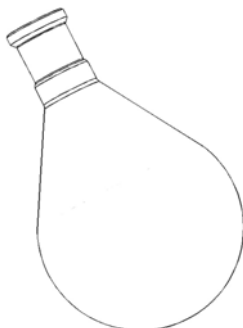


Rotary evaporator RS 100-PRO

Accessories / spare parts

Evaporating flask 29/32

Code	Volume
99400150	50 mL
99400210	100 mL
99400220	250 mL
99400250	500 mL
99400310	1000 mL
99400320	2000 mL

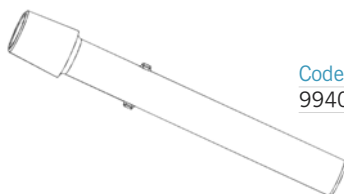


Receiving flask 35/20

Code	Volume
99410210	100 mL
99410220	250 mL
99410250	500 mL
99410310	1000 mL
99410320	2000 mL

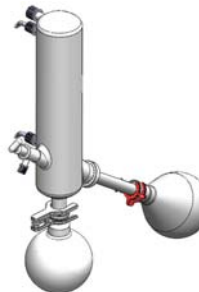


Vapor tube 29/32



Code	NS
99400014	NS 29/32

Vapor tube 29/32



With condenser, evaporating flask 29/32 and receiving flask 35/20

Code	Type
99400000	Glassware

Connector



Code	Rodage
99400010	29/32, 24/29
99400011	29/32, 19/26
99400012	29/32, 14/23

Spider with 5 flasks



Code	For flasks*
99400150	50 mL 29/32*

* (without flasks)

Foam brake 29/32



Code	Volume
99400013	250 mL

Seal



Code	Type
99400015	Glassware

Accessory : vacuum pump



Code	59001020	59001035
Model	N-820	N-840
Vacuum pump rate to 1Atm	20L/min - 1,2m ³ /h	34L/min - 2,04m ³ /h
Vacuum limit absolute	8 mbar	8 mbar
Tube connection, Ø. interior	10 mm	10 mm
Number of head and phase	2	2
Head material	PTFE	PTFE
Membrane material	PTFE	PTFE
Valve material	FFPM	FFPM
Motor protection level	IP 44	IP 44
Dimensions [H x W x D cm]	21 x 15 x 31	23 x 17 x 34
Weight [Kg]	9,3	12,6



Code	59001225	
Maximum vacuum	13 mbar	
Pump speed	0 mmHg	25L/min
	100 mmHg	22L/min
	200 mmHg	20L/min
	300 mmHg	12L/min
	400 mmHg	7.5L/min
	550 mmHg	5L/min
Suction nozzle size	8 mm	
Motor speed	1450 rpm	
Weights [Kg]	7	

Accessory : recirculating chiller



Code	59400031	
Model	F250	
Temperature range	-10°C à +40°C	
Temperature stability	+/- 0.5°C	
Temperature display	LED	
Pump capacity flow rate	15 L / min.	
Pump capacity flow pressure	0.35 bar	
Cooling capacity	20°C	0.25 KW
	10°C	0.22 KW
	0°C	0.21 KW
	-10°C	0.18 KW
	-20°C	0.09 KW
Filling volume	1.7 - 2.6 Litres	
Dimensions [H x L x P cm]	52 x 42 x 24 cm	
Weight [Kg]	27 Kg	

AUXILAB, S.L.
Polígono Morea Norte Calle D Nº 6
31191 Beriain - Navarra - España
T: +34 948 310 513
comercial@auxilab.es
www.auxilab.es

ROGO-SAMPAIC
23 Rue Ampère, ZI de Vilemilan
91325 Wissous - Paris - France
T: +33 1 69 53 67 67
rogosampaic@rogosampaic.com
www.rogosampaic.com



AUXILAB S.L.
Material de laboratorio
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