



Rotary evaporator RS100 PRO

Code PGB006, PGB007

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

Available in two different versions, with normal borosilicate glass set and with coated borosilicate glass set. This version includes a complete set of glassware with plastic coating to improve safety and to avoid contamination of samples with glass pieces in case of accidental breakage; this feature is necessary in laboratories of food and sanitary analysis.

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

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

Technical specifications



Code	PGB006	PGB007
Type of glass	Borosilicate	Borosilicate coated
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	
Display	LCD	
Lift	Motorized	
Stroke [mm]	150	
Timer	Yes	
Time setting range [min]	1 to 999	
Dimensions [D x P x H mm]	465x457x583	
Weight [Kg]	15	
USB	Yes	
Protection Class acc. DIN EN60529	IP20	



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Accessories / spare parts



Complete glass set

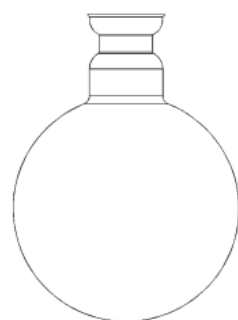
- Including condenser, evaporating flask 1L (29/32) and receiving flask 1 L (35/20)

Code	Type
PGG014	Borosilicate glass
PGG015	Borosilicate glass, plastic-coated



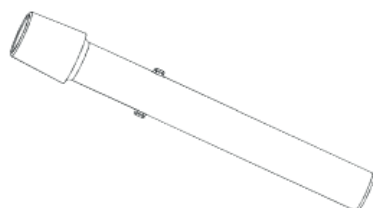
Evaporating flasks 29/32

Code		Volume
Borosilicate glass	Borosilicate glass, coated	
PBJ001	PBJ007	50 mL
PBJ002	PBJ008	100 mL
PBJ003	PBJ009	250 mL
PBJ004	PBJ010	500 mL
PBJ005	-	1000 mL
PBJ006	PBJ012	2000 mL



Receiving flasks 35/20

Code		Volume
Borosilicate glass	Borosilicate glass, coated	
PGG024	-	100 mL
PGG025	PGG030	250 mL
PGG026	PGG031	500 mL
PGG027	PGG032	1000 mL
PGG028	PGG033	2000 mL



Vapor tube 29/32

Code	NS
PGG020	NS 29/32



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Accessories / spare parts



Connectors

Code	NS
PGG016	NS 29/32, NS24/29
PGG017	NS 29/32, NS19/26
PGG018	NS 29/32, NS14/23



Spider with 5 flasks

Code	Volume*
PGG023	5x50 mL (29/32)*

* not included



Foam brake 29/32

Code	Volume
PGG019	250 mL



Seal

Code
PGG021



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Accessories



Vacuum pump

Code	PXB011
Pumping speed (L/min)	30
Ultimate Pressure Vacuum	≥ 0.095 Mpa (50 mbar)
Dimensions (LxBxH) mm	300x120x235
Motor power (W)	160
Inlet (mm)	$\phi 6$
Outlet (mm)	Silencer
Working temperature (°C)	7-40
Function	Vacuum
Head	2
Voltage rating	230Vac,50Hz
Weight (Kg)	9
Membrane valves	NBR
Noise level (dB)	<50