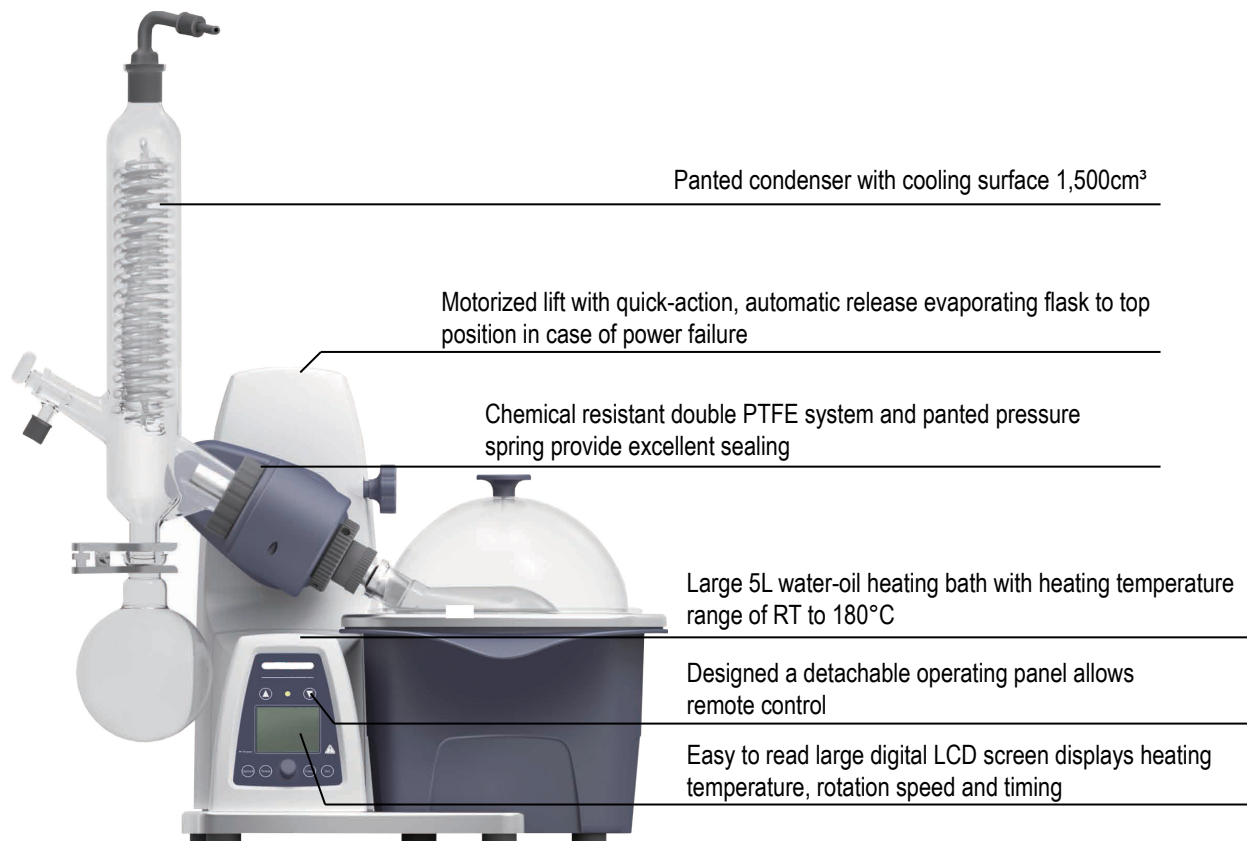


Rotary Evaporator, LCD Digital (ST-RE100-PRO)



Features:

- Easy to read large digital LCD screen displays heating temperature, rotation speed and timing.
- Speed range from 20 to 280 rpm
- Large 5L water-oil heating bath with heating temperature range of RT to 180°C.
- Heating bath with precise temperature control and adjustable safety circuit.
- Designed a detachable operating panel allow remote control.
- Patented condenser (cooling surface 1,500 cm²) with excellent cooling effect.
- Evaporating flask up to 3 litre.
- Vertical and diagonal glassware set is available.
- 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.
- Available with timer function to precise control processing.
- Chemical resistant double PTFE system and patented pressure spring provide excellent sealing.
- PC can control and document all parameters via RS232 interface (USB).

LCD Display



Specification of Rotary Evaporator LCD Digital

Model	ST-RE100-PRO
Voltage	100-120/200-240
Frequency	50/60 Hz
Power	1400W
Motor Principle	DC brushless motor
Speed Range	20-280 rpm
Speed display	LCD
Reversible Direction of Rotation	Yes
Heating Temperature Range	180°C
Heat Control Accuracy	±1°C
Heat Output	1300W
Temperature Display	LCD
Lift	Motor
Stroke	150 mm
Timer	Yes
Timer Display	LCD
Time Setting Range	1-999 min
Overall Dimension (D x W x H) mm	465 x 457 x 583
Weight	15 kg
Permissible Ambient Temperature	5-40°C
Permissible relative Humidity	80%
Protection Class acc. to DIN EN60529	IP20
RS-232 Interface	Yes

Accessories

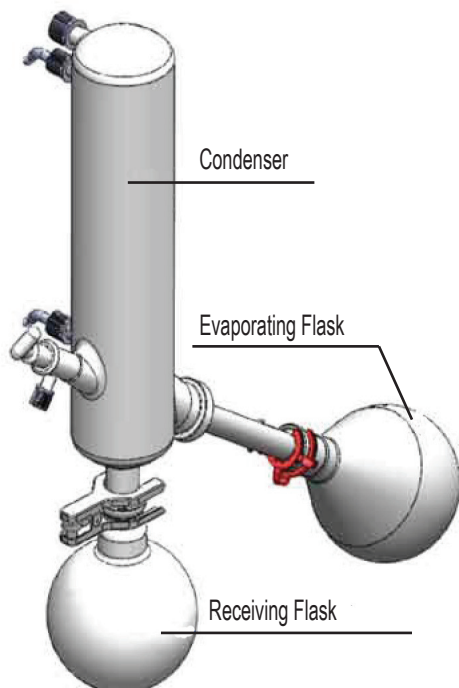
Glassware

Compact vertical condenser for all standard distillations.

Condenser type: Vertical

Cooling Surface: 1500cm²

Catalogue No: 18900165



Evaporating Flask NS 29/32	
Catalogue No.	Volume
18300116	50ml
18300117	100ml
18300118	250ml
18300119	500ml
18300120	1000ml
18300121	2000ml
18300122	3000ml



Receiving Flask KS 35/20	
Catalogue No.	Volume
18300107	100ml
18300108	250ml
18300109	500ml
18300110	1000ml
18300111	2000ml
18300112	3000ml



Spiders with 5 flask NS 29/32	
Catalogue No.	Volume
18300102	50ml
18300103	100ml



Connector NS 29/32	
Catalogue No.	Size
18300094	NS 29 / NS 24
18300095	NS 29 / NS 19
18300096	NS 29 / NS 14



Foam Brake, 250ml
NS 29/32
Catalogue No: 18300093



Vapor Tube
NS 29/32
Catalogue No: 18300097



Seal
Catalogue No: 18300098

Vacuum Pump Catalogue No: 18200743



Voltage (V)		110/220
Frequency (Hz)		50/60
Power (W)		95
Maximum Vacuum (mbar)		13
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 (mm)		5L/min
Motor Speed (rpm)		1450
Weight (kg)		7
Noise (dB)		50

Recirculating Chiller Catalogue No: 18200746

Model		ST-F250
Temperature Range (°C)		-10 ~ +40
Temperature Stability (°C)		± 0.5
Temperature display		LED
Pump capacity flow pressure (bar)		25L/min
Cooling capacity	100 mmHg	22L/min
	200 mmHg	20L/min
	300 mmHg	12L/min
	400 mmHg	7.5L/min
	550 mmHg	5L/min
Suction Nozzle Size (mm)		5L/min
Motor Speed (rpm)		1450
Weight (kg)		7
Noise (dB)		50

