

SciQuip Rotary Evaporator

- Patented large surface condenser (cooling surface 1,500 cm²) provides excellent cooling
- Motorized flask lift with safety automatic release of the evaporating flask to the top position in case of power failure
- Temperature range from ambient to 180°C
- Speed range from 20 to 280 rpm
- Easy to read large digital LCD display shows temperature, rotation speed and timer
- Large 5L heating bath with a temperature range of ambient to 180°C
- Timer function for precise control processing
- Precise temperature control and adjustable safety circuit
- Chemical-resistant PTFE seals and patented pressure springs provide excellent sealing
- PC control and documentation of all parameters via USB (using third-party software)
- Quick release connectors for easy flask removal
- Glassware included as standard
- 2 Year Warranty



Ordering Information

Part Number	Description
SP3505	SciQuip Rotary Evaporator RE-1 Including: All Glassware Vertical condenser, 5L bath, 1000ml evaporating flask NS 24/40 and 1000ml receiving flask KS 35/20,
SP3505-P1	Complete Package SciQuip Rotary Evaporator RE-1 Including: All Glassware Vertical condenser, 5L bath, 1000ml evaporating flask NS 24/40 and 1000ml receiving flask KS 35/20 Vacuubrand MZ1C Vacuum Pump and Lauda MC250 Chiller
724102	Vacuubrand MZ1C Compact Chemical 2 Stage Vacuum Pump
LWM118	Lauda Microcool MC250 Compact Circulation Chiller

SciQuip Rotary Evaporator Technical Specification

Technical Spec	
Speed range:	20 - 280rpm
Temperature range:	Ambient - 180°C
Heat control accuracy:	± 1°C
Heat output:	1300W
Lift stroke:	150mm
Timer range:	1 - 99 mins
Reversible motor:	Yes
Power:	1400W
Motor type:	DC brushless
Dimensions:	18.3L x 18W x 23H inches
Weight:	33lbs
Voltage, Hz:	220V, 60Hz
Warranty:	2 years

Lauda MicroCool Chiller Technical Specification

Model	MC 250
Order Number	LWM118
Temp Range	-10 ... 40°C
Temp Stability	0.5°C
Cooling Capacity	0.25kW
Pump Pressure	0.35 Bar
Flow rate	16 L/in



Vacuubrand MZ1C Technical Specification

Number of heads / stages		2 / 2
Max. pumping speed at 50/60 Hz	m3/h	0.75 / 0.9
Max. pumping speed at 50/60 Hz	cfm	0.4 / 0.5
Ultimate vacuum (abs.)	mbar/torr	12 / 9
Ultim. vac. (abs.) with gas ballast	mbar/torr	20 / 15
Max. back pressure (abs.)	bar	1.1
Inlet connection		Hose nozzle DN 8-10 mm
Outlet connection		Hose nozzle DN 8-10 mm
Rated motor power	kW	0.06
Rated motor speed at 50/60 Hz	min-1	1500/1800
Degree of protection		IP 40
Dimensions (L x W x H)	mm	312 x 121 x 170
Weight	kg	6.7
Noise level at 50 Hz, typ.	dBA	45



Additional Glassware

Part Number	Description
18900178	Vertical glass condenser
18300201	Evaporating flask, 100ml, NS 24/40
18300202	Evaporating flask, 250ml, NS 24/40
18300203	Evaporating flask, 500ml, NS 24/40
18300204	Evaporating flask, 1000ml, NS 24/40
18300205	Evaporating flask, 2000ml, NS 24/40
18300107	KS 35/20 receiving flask, 100ml
18300108	KS 35/20 receiving flask, 250ml
18300109	KS 35/20 receiving flask, 500ml
18300110	KS 35/20 receiving flask, 1000ml
18300111	KS 35/20 receiving flask, 2000ml
18300199	Glass connector, NS 24/40 - NS 19/22
18300200	Glass connector NS 24/40 - NS 14/20
18300207	Foam break, 250ml NS 24/40 - NS 24/40
18300206	Vapour tube, NS 24/40
18100926	PTFE compound seal, including s/steel spring



Large LCD screen displaying heating temp, rotation speed and timer

Patented condenser with cooling surface of 1,500cm²

Automatic flask lift

Chemical-resistant double PTFE system & patented pressure spring provide excellent sealing

5L water/oil heating bath
Range: Ambient to 180°C

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