

MBI Rotary Evaporator





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
- ❑ 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
- ❑ 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 USB



LCD display



Specifications

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:	110V, 60Hz
Warranty:	2 years

Ordering Information

Cat. No.	Description
50002190	MBI RE100-Pro Rotary Evaporator including vertical condenser, 1000ml evaporating flask NS 24/40 and 1000ml receiving flask KS 35/20, 110V, 60Hz
50009190	MBI RE100-Pro Rotary Evaporator excluding glassware, 110V, 60Hz

Accessories

Glassware set: Vertical condenser, 1000ml evaporating flask NS 24/40 and 1000ml receiving flask KS 35/20

NS 24/40 evaporating flask, 100ml

NS 24/40 evaporating flask, 250ml

NS 24/40 evaporating flask, 500ml

NS 24/40 evaporating flask, 1000ml

NS 24/40 evaporating flask, 2000ml

KS 35/20 receiving flask, 100ml

KS 35/20 receiving flask, 250ml

KS 35/20 receiving flask, 500ml

KS 35/20 receiving flask, 1000ml

KS 35/20 receiving flask, 2000ml

NS 24/40 spider 5 x 50ml flasks

NS 24/40 spider 5 x 100ml flasks

NS 24/40 - NS 19/22 glass connector

NS 24/40 - NS14/20 glass connector

NS 24/40 - NS 24/40 foam break, 250ml

NS 24/40 vapor tube

PTFE compound seal, including s/steel spring

Chemical resistant vacuum pump, 110V/60Hz



Foam break, 250ml
NS 24/40
Cat. No: 18300207



Vapor tube
NS 24/40
Cat. No: 18300206



Seal
Cat. No: 18100926



Vacuum Pump
Cat. No: 18200745



Evaporating flasks
NS 24/40

Cat. No.	Volume
18300201	100ml
18300202	250ml
18300203	500ml
18300204	1000ml
18300205	2000ml



Receiving flasks
KS 35/20

Cat. No.	Volume
18300107	100ml
18300108	250ml
18300109	500ml
18300110	1000ml
18300111	2000ml

Voltage/Frequency		110V/60Hz
Power		95W
Vacuum	0 mmHg	25 L/min
	100 mmHg	22 L/min
	200 mmHg	20 L/min
	300 mmHg	12 L/min
	400 mmHg	7.5 L/min
	550 mmHg	5 L/min
Suction Nozzel Size		8mm
Motor Speed		1450rpm
Weight		15.4Lbs/7 g
Sound Level		50dB



Spider flasks
NS 24/40

Cat. No.	Volume
TBD	50ml
TBD	100ml



Connectors
NS 24/40

Cat. No.	Size
18300199	NS 24/40 - NS 19/22
18300200	NS 24/40 - NS 14/20