RE-110EX

Rotary evaporator is a common solvent recvery equipment in laboratory and production for chemistry, chemical industry, biology, medicine and other fields.

Lab1st RE-1EX series is a rotary evaporator with manual lifting bath and explosion proof motor, which is easy to operate, economical and practical. It also consists of motor, roatary flask, manual lifting bath, condenser and other related parts. We provide standard rotovap from 1 liter to 100 liters, and larger volumes can be customized.

Rotary Evaporator, Hand Lift, Explosion-proof

Features:

- Effective Rotavapor for limited budgets
- Intuitive and easy operation at the highest safety level, with explosion proof motor
- High quality material guarantees a long lasting operation and protect your substance
- All material is corrosion resistance and long lifespan, maintaining vecuum height.
- Powerful, high-temperature heating bath, reaching 90°C [water bath] / 180°C [oil bath]
- Turnkey solution is available, including chiller, vacuum pump and related accessories

Technical Data:

Model	RE-110EX
———TECHNICAL DATA———	
Working Temperature [°C]	[Water Bath] RT~99°C;±0.2°C [Oil Bath] RT~180°C; ±0.2°C
Working Pressure [pa]	<399Pa[3mmHg]
Environment Temperature [°C]	5~35°C
Optimum Ambient Humidity	≤65%
Glass Material	High Borosilicate Glass
Lift Method	Manual
Explosive-proof Grade	EX dIIB T4
———ELECTRICAL REQUIREMENT———	
Voltage [V]	220
Phase [P]	1
Frequency [HZ]	50/60

Total Power [W]	3180
———ROTARY FLASK———	
Volume [L]	10
Sealing	PTFE
Neck Interface[mm]	OD125 | Flange
———BATH———	
Bath Material	SUS304
Bath Dimension [mm]	Ø400×240
Volume [L]	30
———COLLECTION FLASK———	
Volume [L]	5
———CONDENSER———	
Type	Vertical Up-Down Main-Auxiliary Condensers
Condension Area [m^2]	0.6
———AGITATION & HEATING———	
Motor Power [W]	180
Rotation Speed [rpm]	10~120
Heating Power [Kw]	3
———WEIGHT | DIMENSION———	
Unit Weight [Kg]	120
Installation Dimension [mm]	1100×600×1730

Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity

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