

RE-110EX

Rotary Evaporator, Hand Lift, Explosion-proof

Rotary evaporator is a common solvent recovery 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, rotary 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.

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 vacuum 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



Parameters

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
Condensation 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

Packages

W (mm)	CBM (m3)
D (mm)	Weight (kg)
H (mm)	

* Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.