

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.



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 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

## Technical Data:

|                                  |   |
|----------------------------------|---|
| Model                            | RE-120EX  |
| ———— 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   3   |
| Frequency [HZ]                   | 50/60   |

|                                     |  |
|-------------------------------------|--|
| Total Power [W]                     | 3180                                       |
| ——ROTARY FLASK——                    |  |
| Volume [L]                          | 20   |
| Sealing                             | PTFE                                       |
| Neck Interface[mm]                  | OD125   Flange                             |
| ——BATH——                            |  |
| Bath Material                       | SUS304                                     |
| Bath Dimension [mm]                 | Ø445×260                                   |
| Volume [L]                          | 40   |
| ——COLLECTION FLASK——                |  |
| Volume [L]                          | 10   |
| ——CONDENSER——                       |  |
| Type                                | Vertical Up-Down Main-Auxiliary Condensers |
| Condensation Area [m <sup>2</sup> ] | 1  |
| ——AGITATION & HEATING——             |  |
| Motor Power [W]                     | 180  |
| Rotation Speed [rpm]                | 10~120                                     |
| Heating Power [Kw]                  | 3  |
| ——WEIGHT   DIMENSION——              |  |
| Unit Weight [Kg]                    | 135  |
| Installation Dimension [mm]         | 1200×650×1950                              |

## Package Information:

|                         |                     |
|-------------------------|---------------------|
| Length (cm)             | Width (cm)          |
| Height (cm)             | CBM (m3)            |
| Weight (kg)             | Total capacity      |
| Product Serial No. 9077 | 2023-06-02 10:59:46 |

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

