

# RE-502

## Rotary Evaporator, Motor Lift

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

Lab1st RE-5 series is a rotary evaporator with motor lifting bath, which is easy to operate, economical and practical. It also consists of motor, rotary flask, motor 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

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-502                                                 |
| —— 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                  | Motor Lift                                             |
| —— ELECTRICAL REQUIREMENT —— |                                                        |
| Voltage [V]                  | 220                                                    |
| Phase [P]                    | 1                                                      |
| Frequency [HZ]               | 50/60                                                  |
| Total Power [W]              | 1240                                                   |
| —— ROTARY FLASK ——           |                                                        |
| Volume [L]                   | 2                                                      |
| Sealing                      | PTFE                                                   |
| Neck Interface [mm]          | 24   Standard                                          |
| —— BATH ——                   |                                                        |

|                                     |                           |
|-------------------------------------|---------------------------|
| Bath Material                       | SUS304                    |
| Bath Dimension [mm]                 | Ø240×140                  |
| Volume [L]                          | 6                         |
| ——COLLECTION FLASK——                |                           |
| Volume [L]                          | 1                         |
| Interface[mm]                       | OD35   Ball Mill Joint    |
| ——CONDENSER——                       |                           |
| Type                                | Vertical Single Condenser |
| Condensation Area [m <sup>2</sup> ] | 0.17                      |
| Vacuum Port                         | OD10   Barb               |
| Condenser Port                      | OD12   Barb               |
| ——AGITATION & HEATING——             |                           |
| Motor Power [W]                     | 40                        |
| Rotation Speed [rpm]                | 10~200                    |
| Heating Power [Kw]                  | 1.2                       |
| ——WEIGHT   DIMENSION——              |                           |
| Unit Weight [Kg]                    | 20.5                      |
| Installation Dimension [mm]         | 620×620×490               |

## 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.