

## Explosion-proof Rotary Evaporator

### Features:

- \* LED display.
- \* Explosion-proof motor.
- \* Explosion frequency inverter.
- \* Explosion auto temperature controller.
- \* Stepless speed controller.
- \* Auto-lifting bath is optional
- \* Stainless steel and aluminium alloy structure
- \* Anti-corrosive PTFE sealing good performance.



### Technical Parameters:

| Model                | ExRE-1002                                                                                                                              | ExRE-2002                                                         | ExRE-5003                                                         |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Rotary Bottle        | 10L (flange Ø95)                                                                                                                       | 20L (flange Ø95)                                                  | 50L (flange Ø125)                                                 |
| Collecting Bottle    | 5L (flange φ60-50)                                                                                                                     | 10L (flange φ60-50)                                               | 20L (flange φ60-50)                                               |
| Condenser            | Vertical three backflow ,<br>φ120*620mm(main),<br>φ135*475mm(SUB)                                                                      | Vertical three backflow ,<br>φ130*700mm(main),<br>φ160*530mm(SUB) | Vertical three backflow ,<br>φ160*835mm(main),<br>φ160*530mm(SUB) |
| Charging Valve       | 34# (standard size)                                                                                                                    |                                                                   | 40# (standard size)                                               |
| Rotating Speed       | 0~120 rpm                                                                                                                              |                                                                   |                                                                   |
| Vacuum               | -0.095 Mpa                                                                                                                             |                                                                   |                                                                   |
| Temp. Range          | RT~180°C                                                                                                                               |                                                                   |                                                                   |
| Temp. Accuracy       | ±1°C                                                                                                                                   |                                                                   |                                                                   |
| Rotating Power       | 120W                                                                                                                                   |                                                                   | 180W                                                              |
| Heating Power        | 3KW                                                                                                                                    | 5KW                                                               | 8KW                                                               |
| Power Supply         | Standard: AC220V, 50/60Hz; optional: AC110V, 60Hz                                                                                      |                                                                   |                                                                   |
| External Size(W*D*H) | 930*560*1910 mm                                                                                                                        | 1000*600*2130 mm                                                  | 1330*730*2340 mm                                                  |
| Package Size(W*D*H)  | 1320*780*755 mm                                                                                                                        | 1350*670*720mm<br>680*680*790 mm                                  | 1420*820*720 mm<br>830*730*910 mm                                 |
| Gross Weight         | 116kg                                                                                                                                  | 143kg                                                             | 195kg                                                             |
| Standard Accessory   | 10L rotary bottle*1,<br>5L collecting bottle*1,                                                                                        | 20L rotary bottle*1,<br>10L collecting bottle*1                   | 50L rotary bottle*1,<br>20L collecting bottle*1                   |
| Optional Accessory   | Explosion-proof transducer, Explosion-proof motor EX120W<br>Double collection bottle, Auto-lifting, Vacuum pump, Recirculating chiller |                                                                   |                                                                   |

## Small Capacity Rotary Evaporator



### Features:

- \* Intelligent temperature control and digital temperature display.
- \* Stepless speed controller.
- \* Teflon Sealing and host automatically

### Technical Parameters:

| Model                | RE-2000A                                                   | RE-2000B | RE-2000E | RE-52A                                                     | RE-52C | RE-5299            |
|----------------------|------------------------------------------------------------|----------|----------|------------------------------------------------------------|--------|--------------------|
| Rotary Bottle        | 1L 24# (standard size)                                     |          |          |                                                            |        |                    |
| Collecting Bottle    | 1L 35# (ball mill mouth)                                   |          |          | 0.5L 24# (standard size)                                   |        |                    |
| Condenser            | Vertical φ85*430mm,                                        |          |          | Vertical φ85*450mm, 29#(standard size)                     |        |                    |
| Charging Valve       | 19# (standard size)                                        |          |          | 19# (standard size)                                        |        |                    |
| Rotating Speed       | 0~200rpm                                                   |          |          | 0~120rpm                                                   |        |                    |
| Vacuum               | -0.098Mpa                                                  |          |          |                                                            |        |                    |
| Temp. Range          | RT~99℃                                                     |          |          |                                                            |        |                    |
| Temp. Accuracy       | ±1℃                                                        |          |          |                                                            |        |                    |
| Stroke Height        | 120mm                                                      |          |          | 150mm                                                      |        |                    |
| Rotating Power       | 40W                                                        |          |          | 30W                                                        |        |                    |
| Heating Power        | 1.5KW                                                      |          |          | 1KW                                                        |        |                    |
| Shelf Material       | Aluminum alloy                                             |          |          | Powder coating anticorrosive                               |        |                    |
| Chamber Size         | φ235*145mm                                                 |          |          | φ220*120mm                                                 |        | φ245*140mm         |
| Power Supply         | Standard: AC220V 50/60Hz; optional: AC110V 60Hz            |          |          |                                                            |        |                    |
| External Size(W*D*H) | 630*400*690-810mm                                          |          |          | 640*430*860-1010mm                                         |        | 660*440*880-1030mm |
| Package Size(W*D*H)  | 620*620*490mm                                              |          |          | 600*460*470mm                                              |        |                    |
| Gross Weight         | 25kg                                                       | 23kg     |          | 19kg                                                       | 20kg   | 20kg               |
| Standard Accessory   | 1000ml rotary bottle*1, 500ml recycling bottle*1           |          |          |                                                            |        |                    |
| Optional Accessory   | Transparent bath cover, Vacuum pump, Recirculating chiller |          |          | Transparent bath cover, Vacuum pump, Recirculating chiller |        |                    |