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# DW-RE-6000A Water Dual-Purpose Evaporator

## Features

- Large LCD display, menu interface and knob switch operation
- Rotating DC motor power :90W  Smooth start
- Heating pot: Teflon coating makes it easy to clean, resistant to corrosion, and resistant to high temperatures
- Three-way receiving flask & condenser assembly equipped with anti-backflow device
- Unmanned mode safe operation function and automatic standby after the experiment
- Intermittent timing positive and negative rotation can be set, suitable for drying process
- Special bottle return knob design makes bottle return simple and convenient
- Optional vacuum system, can be set to control any vacuum degree
- Sealing unit：Imported PTFE+ special process mold synthesis
- The heating pot is designed with a safety handle and an insulated shell to prevent burns
- Touch type and handle type double automatic lifting and lifting make the lifting and lifting safer
- Equipped with a protection cap, which is heat preserved, energy saving and anti-spill and anti-boiling



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# Specifications

| | | |
|---|---|---|
| **Model** | **DW-RE-6000A** | |
| **Type** | **Standard** | **Vacuum control** |
| **Rotating Speed** | **LCD display 0~310rpm/min** | |
| **Evaporation capacity** | **Inner diameter φ50mm glass sealed shaft, with high efficiency.<br>Maximum flow rate: 3L/H (H2O), 6L/H (ethanol)** | |
| **Vacuum** | **The internal vacuum of the equipment can reach1-8mbar** | |
| **Vacuum control** | **Built-in vacuum controller (arbitrary control experiment required<br>vacuum degree, setting range: (0~ -0.1Mpa) 0~1013mbar; Accuracy ±1).** | |
| **Temperature range** | **water and oil dual-purpose pot water bath: room temperature ~99℃±0.5℃;<br>Oil bath: room temperature ~210℃±2℃.** | |
| **Bath material** | **Disposable Teflon coating, easy to clean.Equipped with high temperature resistant<br>Teflon protective cover.** | |
| **Bath size** | **φ29×17cm** | |
| **Sample bottle** | **Intermittent rotation around, intermittent time adjustable 0 ~ 60s,<br>can be used for drying powder samples** | |
| **Lift stroke** | **Cantilever heating bath lifting structure with touch screen automatic balance adjustment;<br>the lifting stroke ranges from 0 to 140 mm,<br>and safety margins are reserved at the upper and lower travel limits to avoid collision.** | |
| **Safety performance** | **Dry-burning prevention & overtemperature alarm, abnormal rotation motor alarm,<br>automatic lifting of sample flask away from heating bath liquid surface;<br>built-in timing function (0~999 min), standby alarm protection for the equipment.** | |
| **Power** | **2.1KW** | |
| **Scope** | **6L** | |
| **Sealing unit** | **Imported PTFE and special synthetic materials are processed and synthesized by<br>special process technology to enhance sealing, corrosion resistance and wear resistance.** | |
| **Condensing pipe** | **Vertical Double-layer Flanged Coil Condenser,condensing area of 0.45m²,<br>with dripping point and anti-backflow design.** | |
| **Degree of protection** | **IP42** | |
| **Ambient temperature** | **5~40℃** | |
| **Voltage** | **AC220V/50HZ** | |
| **Instrument size** | **850*420*1100mm** | |
| **Weight** | **83KG** | |