



## FORCED CONVECTION OVEN BER1B14 (BODR-306)

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## FORCED AIR DRYING OVEN



1. Horizontal air circularly by double air ducts, high efficiency and high uniformity.
2. PID controller, with over-temperature protection function.
3. With fan switch, LED digital display, high temperature blast motor.
4. New anti-hot handle.
1. LCD temperature controller.
2. 4 grades speed fan, adjustable for different requirements.
3. Over-temperature protection system.
4. High precision digital independent temperature limiter.
5. 304:SUS304 Stainless Steel Body.
6. This models don't have fan switches.

## SPECIFICATIONS

|                                 |                                                                                                                                                                                |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                           | BER1B14                                                                                                                                                                        |
| Old Model                       | BODR-306                                                                                                                                                                       |
| Cycle Mode                      | Forced convection                                                                                                                                                              |
| Function                        |                                                                                                                                                                                |
| --Temp. Range                   | RT+10-300°C                                                                                                                                                                    |
| --Temp. Resolution Ratio        | 0.1°C                                                                                                                                                                          |
| --Temp. Motion                  | ±1°C                                                                                                                                                                           |
| --Temp. Uniformity              | ±2.5%                                                                                                                                                                          |
| Structure                       |                                                                                                                                                                                |
| --Inner Chamber                 | Mirror Stainless Steel                                                                                                                                                         |
| --Outer Shell                   | Cold rolling steel electrostatic spraying exterior                                                                                                                             |
| --Insulation Layer              | High quality rock wool board(with CE)                                                                                                                                          |
| --Heater                        | Stainless steel heater                                                                                                                                                         |
| --Power Rating                  | 4.0kW                                                                                                                                                                          |
| --Exhaust Hole                  | Φ63mm top                                                                                                                                                                      |
| Controller                      |                                                                                                                                                                                |
| --Temp. Control Mode            | Two temperature section PID intelligent                                                                                                                                        |
| --Temp. Setting Mode            | Touch button setting                                                                                                                                                           |
| --Temp. Display Mode            | Measuring temperature display on upper LCD screen, setting temperature display on the lower row                                                                                |
| --Timer                         | 0-9999min(with timing wait function)                                                                                                                                           |
| --Operation Function            | Operation Function Fixed temperature operation, timing function, auto stop.                                                                                                    |
| --Additional Function           | High precision digital independent temperature limiter. Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory |
| --Sensor                        | PT100                                                                                                                                                                          |
| --Safety Device                 | Digital Independent Temp. limiter, Over temperature sound-light alarm.                                                                                                         |
| Specification                   |                                                                                                                                                                                |
| --Inner Chamber size(W*L*H)(mm) | 760*660*1250                                                                                                                                                                   |
| --Exterior Size (W*L*H)(mm)     | 902*942*1739                                                                                                                                                                   |
| --Packing Size (W*L*H)(mm)      | 1032*1009*1925                                                                                                                                                                 |
| --Volume                        | 625L                                                                                                                                                                           |

|                          |                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| --Max. Shelf Number      | 11                                                                                                                           |
| --Load Per rack          | 15kg                                                                                                                         |
| --Shelf Space            | 100mm                                                                                                                        |
| --Power Rating (50/60HZ) | AC380V/6.0A                                                                                                                  |
| --NW/GW (kg)             | 150/190                                                                                                                      |
| Accessory                |                                                                                                                              |
| --Shelf                  | 2                                                                                                                            |
| --Shelf Frame            | 4                                                                                                                            |
| Optional accessories     | Spare shelf, RS485 interface, printer, Program controller, U-disk storage;3.5-inch color touch screen temperature controller |
| Alt Name                 | Forced Air Drying Oven                                                                                                       |



## APPLICATIONS

Used for drying, baking, wax, heat treatment.



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