



## NATURAL CONVECTION OVEN BER-314

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## HORIZONTAL DRYING OVEN



1. Horizontal air type, high space utilization and good temperature uniformity.
2. 101: Forced fan cooling intake structure, the maximum working temperature <50 C, the fan long-term longevity operation.
3. 202: Classical natural convection drying method.
4. New anti-hot handle.

## SPECIFICATIONS

| Model                           | BER-314                                                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Cycle Mode                      | Natural convection                                                                                                     |
| Function                        |                                                                                                                        |
| --Temp. Range                   | RT+10-250°C                                                                                                            |
| --Temp. Resolution Ratio        | 0.1°C                                                                                                                  |
| --Temp. Motion                  | ±1°C                                                                                                                   |
| --Temp. Uniformity              | ±3.5%                                                                                                                  |
| Structure                       |                                                                                                                        |
| --Inner Chamber                 | High quality stainless steel                                                                                           |
| --Outer Shell                   | Cold rolling steel electrostatic spraying exterior                                                                     |
| --Insulation Layer              | High quality rock wool board(with CE)                                                                                  |
| --Heater                        | Stainless steel electric heating tube;                                                                                 |
| --Power Rating                  | 1.6kW                                                                                                                  |
| --Exhaust Hole                  | Φ35mm top(with function of test hole)                                                                                  |
| Controller                      |                                                                                                                        |
| --Temp. Control Mode            | Two temperature section PID intelligent                                                                                |
| --Temp. Setting Mode            | Touch button setting                                                                                                   |
| --Temp. Display Mode            | LED Digital display                                                                                                    |
| --Timer                         | 0-9999min(with timing wait function)                                                                                   |
| --Operation Function            | Fixed temperature operation, fixed timing operation, auto stop.                                                        |
| --Additional Function           | Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory |
| --Sensor                        | PT100                                                                                                                  |
| Safety Device                   | Over temperature sound-light alarm;                                                                                    |
| Specification                   |                                                                                                                        |
| --Inner Chamber size(W*L*H)(mm) | 450*350*450                                                                                                            |
| --Exterior Size (W*L*H)(mm)     | 752*472*687                                                                                                            |
| --Packing Size (W*L*H)(mm)      | 845*605*850                                                                                                            |
| --Volume                        | 71L                                                                                                                    |
| --Max. Shelf Number             | 13                                                                                                                     |
| --Load Per rack                 | 15kg                                                                                                                   |

|                          |                        |
|--------------------------|------------------------|
| --Shelf Space            | 25mm                   |
| --Power Rating (50/60HZ) | AC220V/7.3A            |
| --NW/GW (kg)             | 45/50                  |
| Accessory                |                        |
| --Shelf                  | 2                      |
| --Shelf Frame            | 4                      |
| Optional accessories     | Shelves                |
| Alt Name                 | Horizontal Drying Oven |



## APPLICATIONS

High precision and large density sample drying treatment.



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