



## DRYING OVEN BER1DF6

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DRYING OVEN / INCUBATOR (DOUBLE FUNCTION)



1. Horizontal air circularly by double air ducts, high efficiency and high uniformity.
2. PID controller, with over-temperature protection function.
3. With oven/incubator change switch, fan switch; and high-temperature blast motor.
4. New anti-hot handle.
5. LCD temperature controller.
6. 4 grades speed fan, adjustable for different requirements.
7. Over-temperature protection system.
8. High precision digital independent temperature limiter.

## SPECIFICATIONS

| Model                           | BER1DF6                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Cycle Mode                      | Forced convection                                                                                                       |
| Function                        |                                                                                                                         |
| --Temp. Range                   | Incubator:RT+5-80°C Drying oven:80-300°C                                                                                |
| --Temp. Resolution Ratio        | 0.1°C                                                                                                                   |
| --Temp. Motion                  | ±1°C                                                                                                                    |
| --Temp. Uniformity              | ±2.5%                                                                                                                   |
| Structure                       |                                                                                                                         |
| --Inner Chamber                 | SUS 304                                                                                                                 |
| --Outer Shell                   | SUS 304 embossed stainless steel shell                                                                                  |
| --Insulation Layer              | High quality rock wool board (with CE)                                                                                  |
| --Heater                        | Stainless steel heater                                                                                                  |
| --Power Rating                  | 3.0kW                                                                                                                   |
| --Exhaust Hole                  | Rear exhaust                                                                                                            |
| Controller                      |                                                                                                                         |
| --Temp. Control Mode            | PID Two temperature section intelligent                                                                                 |
| --Temp. Setting Mode            | Touch button setting                                                                                                    |
| --Temp. Display Mode            | LCD Digital display                                                                                                     |
| --Timer                         | 0-9999min (with timing wait function)                                                                                   |
| --Operation Function            | Fixed temperature operation, timing function, auto stop                                                                 |
| --Additional Function           | Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory. |
| --Sensor                        | PT100                                                                                                                   |
| Safety Device                   | Digital Independent Temp. limiter, Overtemperature sound-light alarm.                                                   |
| Specification                   |                                                                                                                         |
| --Inner Chamber Size(W*L*H)(mm) | 600*500*750                                                                                                             |
| --Exterior Size(W*L*H)(mm)      | 735*835*1115                                                                                                            |
| --Packing Size(W*L*H)(mm)       | 857*885*1287                                                                                                            |
| --Volume                        | 230L                                                                                                                    |
| --Max. Shelf Number             | 17                                                                                                                      |

|                          |                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| --Load Per rack          | 15kg                                                                                                                                                               |
| --Shelf Space            | 40mm                                                                                                                                                               |
| --Power Rating (50/60Hz) | AC220V/13.6A                                                                                                                                                       |
| --NW/GW (kg)             | 94/120                                                                                                                                                             |
| Accessory                |                                                                                                                                                                    |
| --Shelf                  | 2                                                                                                                                                                  |
| --Shelf Frame            | 4                                                                                                                                                                  |
| Optional accessories     | Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage; wireless SMS alarm, 4.3 inch color touch screen temperature controller. |
| Alt Name                 | Drying Oven / Incubator (Double function)                                                                                                                          |



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