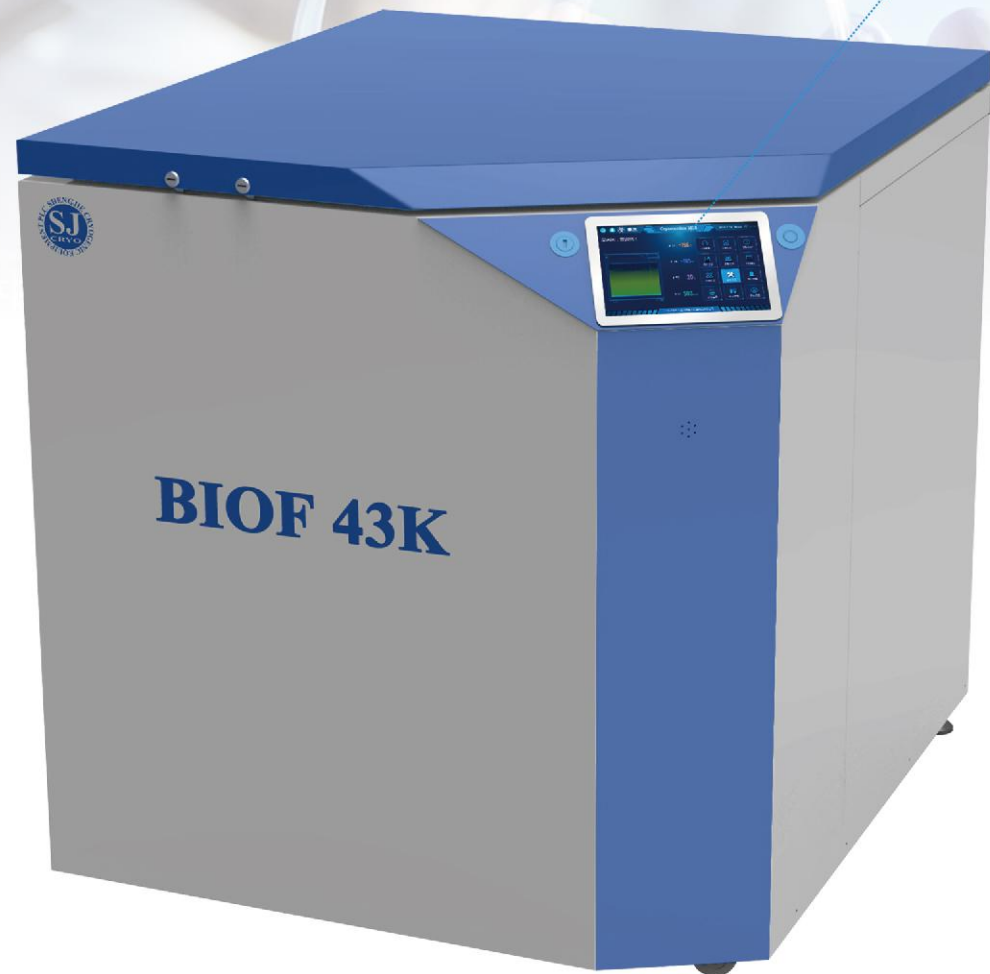
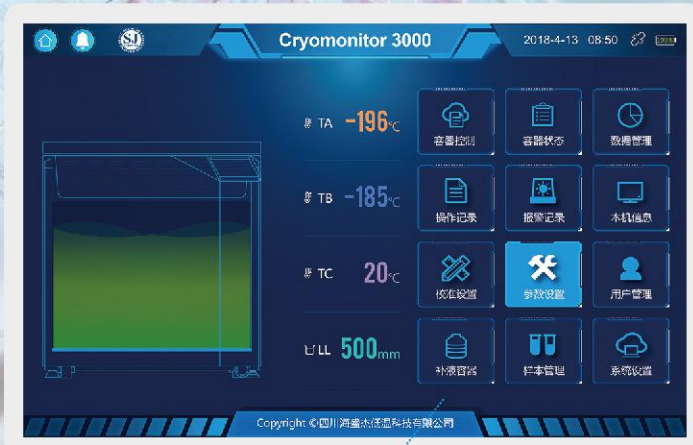


# LIQUID NITROGEN BIOREFRIGERATOR



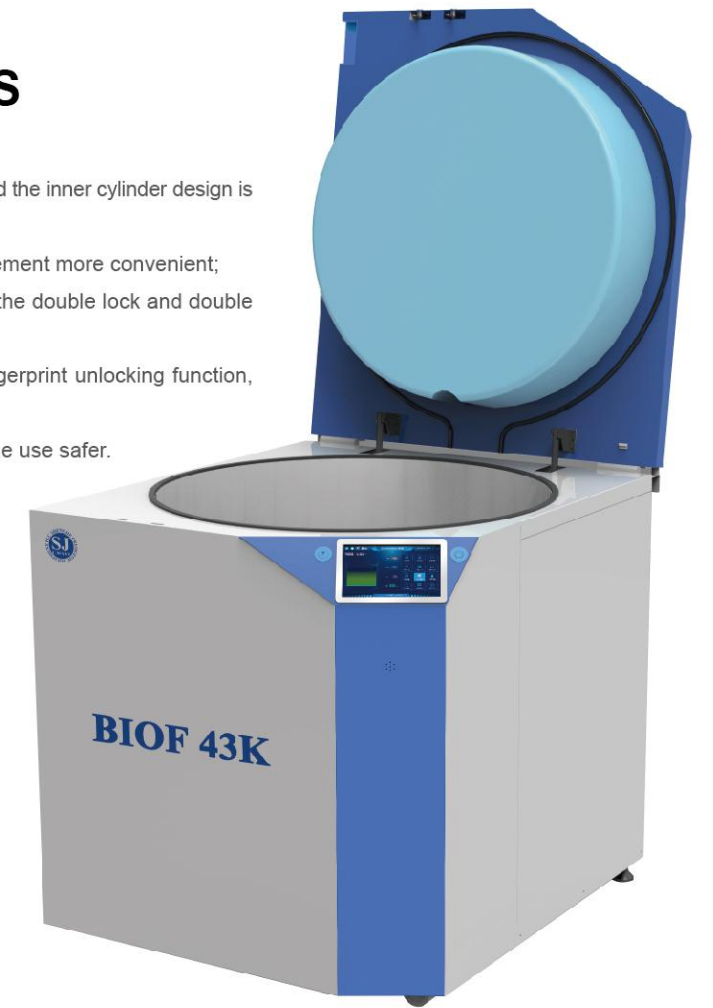
## PRODUCT OVERVIEW

The liquid nitrogen biological refrigerator has novel appearance and strong sense of medical equipment, and is suitable for various sample banks, hospitals and laboratories. Dual lock design can effectively protect the sample safety; intelligent management can connect to cloud server, touch screen operation makes the use easier, and has its own power conversion device, equipped with liquid nitrogen filter, reduce impurities and improve the life of the whole machine.



## PRODUCT ADVANTAGES

- 1 The square shell shows the magnificence and beauty, and the inner cylinder design is conducive to high vacuum multi-layer insulation;
- 2 The top of the product is opened to make sample placement more convenient;
- 3 The cover plate design saves the operation effort and the double lock and double control design makes the sample safer to store;
- 4 The control instrument uses touch screen and has fingerprint unlocking function, which makes the product more beautiful;
- 5 It has the function of anti-leakage protection to make the use safer.



## SPECIFICATIONS

| MODEL  | BIOF 43K                                    |              |
|--|---|--------------|
| Working Voltage                                  | DC24V                                       |              |
| Using Power Supply                               | AC220V/AC110V                               |              |
| Outline Size                                     | 1340x1100x1200                              |              |
| Applicable to Frozen Parts                       | Blood bag rack, square bucket, round bucket |              |
| Control Mode                                     | Automatic intelligent control               |              |
| Design Temperature for Freezing Storage          | -196°C ~ Normal atmospheric temperature     |              |
| Design Pressure                                  | Open atmospheric pressure                   |              |
| Opening Size                                     | Φ 1000mm                                    |              |
| Geometric Volume                                 | 550L  |              |
| Design Weight                                    | 400KG                                       |              |
| Insulation Form                                  | High Vacuum Multilayer Insulation           |              |
|  | Gas phase                                   | Liquid phase |
| 1,2,1.8 & 2 ml Vials (Internally Threaded) (ea)  | 33550                                       | 42900        |
| Number of Racks with 25 (5×5) Cell Boxes (ea)    | 10  | 8            |
| Number of Racks with 100 (10×10) Cell Boxes (ea) | 28  | 31           |
| Number of 25 (5×5) Cell Boxes (ea)               | 110   | 104          |
| Number of 100 (10×10) Cell Boxes (ea)            | 308   | 403          |
| Number of Stages per Rack (ea)                   | 11  | 13           |