

# BLOOD BANK REFRIGERATED CENTRIFUGE CEN37-0700R



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## CEN37-0700R

These laboratory multi purpose Medical Centrifuges are ideal solution for high-end research experiment such as PRP/PPP, cell washing, HCT, blood type test etc. in the biology, radio-immunity, medical and other research fields. These versatile centrifuges have precise temperature control with highly efficient double loop control design which allows fast heating and cooling.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge.

## CEN37-0700R BLOOD BANK REFRIGERATED CENTRIFUGE

Brushless DC motor

Servomotor was adopt for lid open & lid lock, emergency lid release.

LED display

Microprocessor controller

Inner chamber material: Stainless Steel

Electronic door interlock

Imbalance detection system

Memory of 10 programs

10 levels of acceleration and 10 levels of deceleration

Faults are diagnosed automatically

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling



## SPECIFICATIONS

| Model                                 | CEN37-0700R                        |
|---------------------------------------|------------------------------------|
| Maximum Capacity (No of tubes x Vol.) | 6x2400 ml bottles or 18 blood bags |
| Temperature Range                     | -20°C to 40°C                      |
| Temperature Accuracy                  | ± 1°C                              |
| Maximum Speed RPM                     | 7000                               |
| Speed Accuracy                        | ± 20 rpm                           |
| Maximum RCF                           | 11900xg                            |
| Timer Range                           | 1~99 h 59 min, pulse               |
| Temperature Increment                 | 1°C                                |
| Acceleration Rate                     | 10                                 |
| Deceleration Rate                     | 10                                 |
| Drive System                          | Direct, flex-spin drive system     |
| Motor                                 | High-performance induction motor   |
| Overall Dimension                     | 900x850x1000 ml                    |
| Program                               | 10 user-defined                    |

|                    |                       |
|--------------------|-----------------------|
| Noise Level        | ≤ 60 dB(A)            |
| Weight (Net/Gross) | 560 kg                |
| Power              | 7500 W                |
| Power Supply       | AC 380V, 50/60HZ, 35A |

## OPTIONAL ACCESSORIES

| Accessory Code | Name                      | Description   | Capacity  | RPM  | RCF <sub>xg</sub> |
|----------------|---------------------------|---|-----------|------|-------------------|
| LS52725        | Swing-out Bucket Rotor    | 4x500 ml  |           |      |                   |
| LS52738        | Swing-out Bucket Rotor    | Can spin 12 x 450-550 ml single, double, triple, quad, quint blood bags with or without additive, or spin 18 x 400 ml triple blood bags | 6x2400 ml | 4000 | 5600xg            |
| LS52751        | Swing-out Rotor – Adapter | 4x250 ml  |           |      |                   |



**Biozef**

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