

## Large Volume Centrifuge

- Microprocessor controller with touch pad panel.
- Digital LCD display of working parameters.
- Maintenance free AC brushless frequency conversion motor.
- Electronic door interlock for safety operation.
- Fast acceleration in 30 seconds, deceleration in 28 seconds.
- Imbalance cut-off
- RFC value can be calculated automatically.



### Specification of Large Volume Centrifuge

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Model                             | ST-CT550                                  |
| Maximum Speed                     | 5500r/ min                                |
| Maximum R.c.f.                    | 5310xg                                    |
| Maximum Capacity                  | 2000ml (4 x 500ml)                        |
| Time Range                        | 0~99 min (LED), 1 sec~99 min 59 sec (LCD) |
| The Fastest Time Acc/ Dec         | 30/ 28 sec                                |
| Speed Accuracy                    | ± 30r/ min                                |
| Power Supply                      | AC 220V 50/60Hz                           |
| Noise Level                       | < 65dB(A)                                 |
| External Dimension (L x W x H) mm | 470 x 560 x 380mm                         |
| Weight                            | 42kg                                      |



### Rotor

| Rotor                                     | Bucket/ Adapter | Capacity            | Tube (Ø x H) mm         | Max. Speed (r.p.m.) | Max. R.c.f. (xg) | Tube Type                                      |
|-------------------------------------------|-----------------|---------------------|-------------------------|---------------------|------------------|------------------------------------------------|
| Angle Rotor<br>ST-CT550-0                 |                 | 12 x 10ml           | Ø 16 x 100              | 5500                | 5310             | G/PP                                           |
| Swing out Rotor (Round Cup)<br>ST-CT550-1 |                 | 4 x 500ml           | Ø 80 x 140              | 4000                | 3040             | PP                                             |
| Adapter<br>ST-CT550-2                     |                 | 4 x 250ml           | Ø 62 x 124              | 4000                | 3040             | PP Flat Bottom                                 |
| Adapter<br>ST-CT550-3                     |                 | 4 x 3 x 50ml        | Ø 30 x 100~130          | 4000                | 3040             | PP<br>(Conical or Round Bottom)                |
| Adapter                                   | ST-CT550-4      | 4 x 7 x 20ml        | Ø 20 x 100~115          | 4000                | 3040             | PP                                             |
| Adapter                                   | ST-CT550-5      | 4 x 9 x 15ml        | Ø 17 x 105              | 4000                | 3040             | PP (Conical or Round Bottom)                   |
| Adapter                                   | ST-CT550-6      | 4 x 19 x 5ml        | Ø 14 x 100              | 4000                | 3040             | Vacuum Blood Collection Tube                   |
| Swing Bucket Rotor                        | ST-CT550-7      | 4 buckets           |                         | 4000                | 3040             |                                                |
| Rectangular Bucket<br>(Adapter)           | ST-CT550-8      | 4 x 4 x 50ml        | Ø 30 x 100~130          | 4000                | 3040             | PP (Conical or Round Bottom)                   |
|                                           | ST-CT550-9      | 4 x 10 x 15ml       | Ø 17 x 105              | 4000                | 3040             | PP (Conical or Round Bottom)                   |
|                                           | ST-CT550-10     | 4 x 20 x 10ml       | Ø 16 x 100              | 4000                | 3040             | G Round Bottom/Vacuum Blood<br>Collection Tube |
|                                           | ST-CT550-11     | 4 x 28 x 5ml        | Ø 14 x 80~100           | 4000                | 3040             | Vacuum Blood Collection Tube                   |
|                                           | ST-CT550-12     | 4 x 25 x 1.5ml      | Ø 11 x 37               |                     |                  | Eppendorf Tube                                 |
| Rectangular Bucket Rotor                  | ST-CT550-13     | 4 x 2 x 96well      | Ø 86 x 128              | 4000                | 3040             | 96 Well Microplate                             |
| Micro Plate Rotor                         | ST-CT550-14     | 2 x 2 x 96well      | Ø 86 x 128              | 4000                | 2200             | 96 Well Microplate                             |
| Swing Rotor<br>ST-CT550-15                | ST-CT550-16     | 4 x 50ml            | 35 x 101~130/Ø 30 x 116 | 5000                | 4390             | G/PP                                           |
|                                           | ST-CT550-17     | 4 x 100ml           | Ø 37 x 124              | 5000                | 4390             | PP                                             |
| Swing out Rotor                           | ST-CT550-18     | 8 x 50ml            | Ø 30 x 116              | 4200                | 3100             | PP (Conical or Round Bottom)                   |
|                                           | ST-CT550-19     | 8 x 100ml           | Ø 37 x 124              | 4200                | 3100             | PP                                             |
|                                           | ST-CT550-20     | 32 x 15ml           | Ø 17 x 105              | 4200                | 3100             | G/PP/Urine Sediment Tube                       |
|                                           | ST-CT550-21     | 10ml, 7ml (adapter) | Ø 17 x 105              | 4200                | 3100             | G/PP/Urine Sediment Tube                       |
|                                           | ST-CT550-22     | 64 x 7ml/5ml        | Ø 13-14 x 70~100        | 4200                | 3100             | G RIA-Tubes                                    |
|                                           | ST-CT550-23     | 4 x 12 x 5ml/10ml   | Ø 13-14 x 70~100        | 4200                | 3100             | Vacuum Blood Collection Tubes                  |