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ANALYTICAL EXCELLENCE...

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### Table Top Low Speed Refrigerated Centrifuge TLS-TL5RIV / TLS-TL6R / TLS-TL8R

#### FEATURES:

- LCD display, intelligent control
- Brushless motor: high torque and variable frequency, combined with shock absorbers
- Automatically record parameters
- Stainless steel chamber
- Mechatronics motor door lock
- Over 20 selectable procedures and self-defining modes
- 10 levels speed increase and decrease control



4\*250ml



32\*15ml



Microplate Rotor

**MODEL SPECIFICATIONS:**

| <b>Model</b>             | <b>TLS-TL5RIV</b>                            | <b>TLS-TL6R</b> | <b>TLS-TL8R</b> |
|--------------------------|--|-----------------|-----------------|
| Max. Capacity            | 4*250ml                                      |                 |                 |
| Max. Speed               | 5500rpm                                      | 6500rpm         | 8000rpm         |
| Max. RCF                 | 4800×g                                       | 4800×g          | 5940×g          |
| Speed Precision          | ±50rpm                                       |                 |                 |
| Refrigeration System     | CFC-free compressor and control valve        |                 |                 |
| Temp. Range              | -20~40°C                                     |                 |                 |
| Temp. Precision          | ±1°C   |                 |                 |
| Control and Drive System | Frequency motor, micro control, direct drive |                 |                 |
| Timing Range             | 0~99h59min                                   |                 |                 |
| Noise                    | ≤65dB  |                 |                 |
| Consumption              | 1.8KW  |                 |                 |
| Power Supply             | AC110/220V, 50/60Hz                          |                 |                 |
| External Size (W*D*H)    | 630*760*400mm                                |                 |                 |
| Package Size (W*D*H)     | 910*950*605mm                                |                 |                 |
| Nett / Gross Weight (kg) | 110 / 171                                    |                 |                 |

**ROTOR:**

| Rotor              | Capacity                             | TLS-TL6R    |          | TLS-TL8R    |          | TLS-TL5RIV         |             |             |          |
|--------------------|--------------------------------------|-------------|----------|-------------|----------|--------------------|-------------|-------------|----------|
|                    |                                      | Speed (rpm) | RCF (×g) | Speed (rpm) | RCF (×g) | Rotor              | Capacity    | Speed (rpm) | RCF (×g) |
| Angle Rotor        | 12*10ml                              | 6500        | 3920     | 8000        | 5940     | Angle Rotor        | 12*10ml     | 5500        | 4328     |
| Swing Bucket Rotor | 24*10ml                              | 5000        | 4500     | 5000        | 4500     | Swing Rotor        | 24*10ml     | 5000        | 4500     |
| Swing Bucket Rotor | 4*250ml                              | 4000        | 3290     | 4000        | 3290     | Swing Rotor        | 4*250ml     | 4000        | 3290     |
| Adapter            | 8*50ml, 4*6*15ml, 4*8*10ml, 4*10*5ml |             |          |             |          | Adapter            | 8*50ml      |             |          |
| Swing Bucket Rotor | Support                              |             |          |             |          |                    | 4*6*15ml    |             |          |
|                    | 4*50ml                               | 5000        | 4600     | 5000        | 4600     |                    | 4*8*10ml    |             |          |
|                    | 4*100ml                              | 5000        | 4800     | 5000        | 4800     |                    | 4*10*5ml    |             |          |
|                    | 8*50ml                               | 4000        | 2810     | 4000        | 2810     | Swing Bucket Rotor | 4*50ml      | 5000        | 4600     |
|                    | 32*15ml                              | 4000        | 2810     | 4000        | 2810     |                    | 4*100ml     | 5000        | 4800     |
|                    | 32*10ml                              | 4000        | 2810     | 4000        | 2810     |                    | 8*50ml      | 4000        | 2810     |
|                    | 48*5ml/2ml (Vacuum tube)             | 4000        | 2940     | 4000        | 2940     |                    | 32*15ml     | 4000        | 2810     |
|                    | 76*5ml/2ml (Vacuum tube)             | 4000        | 3100     | 4000        | 3100     |                    | 32*10ml     | 4000        | 2810     |
|                    |                                      |             |          |             |          | 48*5ml/2ml         | 4000        | 2940        |          |
|                    |                                      |             |          |             |          | Swing Rotor        | 76*5ml/2ml  | 4000        | 3100     |
| Microplate         | 2*2*96 Well                          | 4000        | 2360     | 4000        | 2360     | Microplate         | 2*2*96 Well | 4000        | 2360     |