

## Benchtop High Speed Refrigerated Centrifuge TGL-20/22M/MC/iTGL-22MC

### Features

1. **Reliable drive system:** microprocessor control and Brand CFC-free compressor system
2. **Equipped with digital/Touch LCD screen**, display all required parameters, easier to operate
3. **Emergency lid lock**, in case of power off unexpected.
4. **Safety Interlock system** that prevents opening the centrifuge lid during running.
5. **10/99 programs can be stored**, quickly recall the last used program.
6. **Rotor automatically identification** function to avoid over speed running. (iTGL-20/22MC)
7. **Equipped with USB cord** to connect with PC. (iTGL-20/22MC))
8. **Electronic control** for both door lid opening and closing. (iTGL-20/22MC))



### Parameters

| Model     | TGL-20/22M | TGL-20/22MC | iTGL-20/22MC | Speed Accuracy | ±10r/min         |
|-----------|------------|-------------|--------------|----------------|------------------|
| Display   | Digital    | LCD         | Touch LCD    | Timer Range    | 0~99h59min       |
| Max Speed | 20500r/min | 22000r/min  |              | Temp Range     | - 20°C~ + 40°C   |
| Max RCF   | 29200xg    | 34700xg     |              | Max Capacity   | 6×100ml          |
| Noise     | ≤60dB(A)   |             |              | Power          | AC220v&110V 50Hz |
| Weight    | 65kg       |             |              | Dimension      | 540x625x380mm    |

### Rotor:

|       |  |                                                                   |       |  |                                                                    |
|-------|--|-------------------------------------------------------------------|-------|--|--------------------------------------------------------------------|
| No.1  |  | Max Speed:22000r/min<br>Capacity:12×1.5/2ml AR<br>Max RCF:34700xg | No.2  |  | Max Speed:16000r/min<br>Capacity:8/10/12×5ml AR<br>Max RCF:18200xg |
| No.3  |  | Max Speed:14000r/min<br>Capacity:12×10ml AR<br>Max RCF:23120xg    | No.4  |  | Max Speed:15000r/min<br>Capacity:24×1.5/2ml AR<br>Max RCF:21800xg  |
| No.5  |  | Max Speed:14000r/min<br>Capacity:48×1.5/2ml AR<br>Max RCF:17600xg | No.6  |  | Max Speed:14000r/min<br>Capacity:36×1.5/2ml AR<br>Max RCF:18200xg  |
| No.7  |  | Max Speed:13000r/min<br>Capacity:6×50ml AR<br>Max RCF:16760xg     | No.8  |  | Max Speed:10000r/min<br>Capacity:4×100ml AR<br>Max RCF:10460xg     |
| No.9  |  | Max Speed:10000r/min<br>Capacity:8×50ml AR<br>Max RCF:11980xg     | No.10 |  | Max Speed:10000r/min<br>Capacity:6×100ml AR<br>Max RCF:12200xg     |
| No.11 |  | Max Speed:13000r/min<br>Capacity:6×30ml AR<br>Max RCF:17000xg     | No.12 |  | Max Speed:11000r/min<br>Capacity:12×15ml AR<br>Max RCF:14690xg     |

Note: Rotors can customize made