



ESCH-2050R

REFRIGERATED BENCH-TOP CENTRIFUGE



ESCH-2050R tabletop high speed high capacity centrifuge is the latest design and a new generation intelligent centrifuge which is developed by ESSE 3 . It has novel and generous outward appearance, full touchscreen control and Automatic lock. For applies into universities, research institutes and hospitals.

Features:

- ◆ Microprocessor control, operated by touch panel
- ◆ LCD display for easier visibility and access
- ◆ AC brushless frequency conversion motor, no carbon dust
- ◆ Pollution, and the imported refrigeration system.
- ◆ The automatic rotor identification system for avoiding over-speed.
- ◆ The electronic door interlock for safe operation.
- ◆ Fifteen different program stored.
- ◆ Acc and Dec time can be set
(the fastest Acc time is 20s, and the shortest Dec time is 18s)
- ◆ Fast Acc and Dec in 9 steps
- ◆ RCF value can be calculated automatically
- ◆ Non-CFC refrigeration system (France Tecumseh Compressor Unit)
- ◆ Low & High speed centrifugation; low speed and high capacity centrifugation all in one.

| | |
|---------------------------|-------------------------------|
| Model | ESCH-2050R |
| Max speed | 20500r/min |
| Max RCF | 29200×g |
| Max capacity | 4×750ml swing rotor |
| Speed control accuracy | ±50r/min |
| Temperature setting range | -20..40. |
| Temperature accuracy | ±1.5. |
| Time setting range | 1min-9H59min |
| Noise level | <65dB(A) |
| Motor | AC frequency conversion motor |
| Power supply | AC220V 50Hz 18A |
| Dimension | 560×810×430(mm) |
| Weight | 95kg |

| Rotor | | Max speed | Max RCF | Capacity | |
|-----------------|--|-----------|---------|------------------------------------|--------------------------------|
| NO1 Angle rotor | | 20500 | 29200 | 12×1.5/2.2ml | |
| NO2 Angle rotor | | 16500 | 18365 | 10×5ml | |
| NO3 Angle rotor | | 15000 | 23120 | 12×10ml | |
| | | | | 6×30ml | |
| NO4 Angle rotor | | 13000 | 17940 | 6×50ml | |
| NO5 swing rotor | | 4000 | 3500 | Swing rotor | 4×750ml (adapter available) |
| | | | | Adapter | 4×250ml |
| | | | | | 4×12×15ml |
| | | | | | 4×16×10ml |
| | | | | | 4×3×50ml |
| NO6 swing rotor | | 4000 | 3040 | Adapter | 4×4×50ml |
| | | | | | 4×10×15ml |
| | | | | | 4×20×10ml |
| | | | | | 4×28×5ml |
| | | | | | 4×25×1.5ml |
| | | | | Round bucket | 4×500ml (adapter available) |
| | | | | Bucket | 4×37×5ml |
| | | | | Rectangular bucket for microplates | 4×24×7ml |
| NO7 Angle rotor | | 16500 | 24890 | 24×1.5/2.2ml | |
| NO8 Angle rotor | | 12000 | 15805 | 6×85ml | |
| NO9 Angle rotor | | 11000 | 11720 | 6×100ml | |



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