

TABLETOP REFRIGERATED CENTRIFUGE CEN19-05R



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CEN19-05R

These centrifuges are widely used in the fields of biochemistry, pharmacy, clinical medicine and other research fields for variety of separation needs. The programmable microprocessor centrifuge allows modification of the parameter during operation. In addition, accommodates various type of tubes or plates and size of the sample.

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, Laboratory Tabletop Centrifuge.

CEN19-05R TABLETOP REFRIGERATED CENTRIFUGE

Inner chamber material: Stainless Steel

Microprocessor controller

LCD display

Electronic door interlock

Brushless DC motor

Stable performance

Memory of 12 programs

19 levels of acceleration and 19 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

Operating parameters can be modified during the operation

RCF can be set up directly, without RPM to RCF translation



SPECIFICATIONS

| | |
|---------------------------------------|---|
| Model | CEN19-05R |
| Maximum Capacity (No of tubes x Vol.) | 4x250 ml |
| Temperature Range | -20°C to 40°C |
| Temperature Accuracy | ± 1°C |
| Maximum Speed RPM | 5000 |
| Speed Accuracy | ± 10 rpm |
| Maximum RCF | 5200xg |
| Timer Range | 1~99 h 59 min, pulse |
| Temperature Increment | 1°C |
| Acceleration Rate | 40 |
| Deceleration Rate | 40 |
| Drive System | Direct, induction motor drive |
| Overall Dimension | 700x550x420 mm |
| Program | 12 user-defined (more up to 40 available if needed) |
| Noise Level | ≤ 60 dB(A) |

| | |
|--------------------|--|
| Weight (Net/Gross) | 90 kg |
| Power | 1500 W |
| Power Supply | AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | RPM | RCF _{xg} | Capacity |
|----------------|---------------------------|--|------|--------------------|------------|
| LS52204 | Swing-out Bucket Rotor | 2x3 96 well microplates or 2x2 cell culture plates or 2x1 deep well plates | 4000 | 1970 _{xg} | |
| LS52451 | Swing-out Bucket Rotor | Blood collection tube | 4000 | 3100 _{xg} | 64x2-7 ml |
| LS52980 | Swing-out Rotor | 4x250 ml | 5000 | 5200 _{xg} | |
| LS53568 | Swing-out Rotor – Adapter | 4x50 ml | 5000 | 5200 _{xg} | |
| LS53580 | Swing-out Rotor – Adapter | Round Bottom | 5000 | 5200 _{xg} | 8x50 ml |
| LS53592 | Swing-out Rotor – Adapter | 4x100ml | 5000 | 5200 _{xg} | |
| LS53604 | Swing-out Rotor – Adapter | 36x10 ml | 5000 | 5200 _{xg} | |
| LS53616 | Swing-out Rotor – Adapter | 20x15 ml | 5000 | 5200 _{xg} | |
| LS53628 | Swing-out Rotor – Adapter | Blood collection tube | 5000 | 5200 _{xg} | 28x8/10 ml |
| LS53640 | Swing-out Rotor – Adapter | Blood collection tube | 5000 | 5200 _{xg} | 40x2-7 ml |
| LS53939 | Swing-out Rotor | 4x100 ml | 5000 | 4650 _{xg} | |
| LS53951 | Swing-out Rotor | 4x50 ml | 5000 | 4650 _{xg} | |
| LS53963 | Swing-out Rotor | 8x50 ml | 4000 | 2980 _{xg} | |
| LS53975 | Swing-out Rotor | 8x100 ml | 4000 | 2980 _{xg} | |
| LS53987 | Swing-out Rotor – Adapter | 24x10 ml | 4000 | 2980 _{xg} | |
| LS53999 | Swing-out Rotor | can spin 2-10 ml blood collection tube by use adapters | 4000 | 2980 _{xg} | 24x15 ml |
| LS54011 | Swing-out Rotor – Adapter | 32x10 ml | 4000 | 2980 _{xg} | |
| LS54023 | Swing-out Rotor | can spin 2-10 ml blood collection tube by use adapters | 4000 | 2980 _{xg} | 32x15 ml |
| LS54396 | Swing-out Rotor – Adapter | can spin 2-10 ml blood collection tube by using adapters | 5000 | 5200 _{xg} | 32x15 ml |
| LS54431 | Swing-out Bucket Rotor | Blood collection tube | 4000 | 3100 _{xg} | 28x2-7 ml |
| LS54695 | Swing-out Bucket Rotor | Blood collection tube | 4000 | 3100 _{xg} | 36x8/10 ml |
| LS54707 | Swing-out Bucket Rotor | Blood collection tube | 4000 | 3100 _{xg} | 48x2-7 ml |



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