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Find the *Thermo IEC Centra CL5R* at our website: ***Click HERE***

Centra®-CL5 & Centra®-CL5R

Multi-Purpose Centrifuges

The Centra-CL5 and Centra-CL5R multi-purpose centrifuges offer both high-speed and high-volume versatility along with a large assortment of rotor options, making them ideal for a wide variety of laboratory applications.



Centra-CL5R (refrigerated) and Centra-CL5 (ventilated)

Features

- **Maintenance-free brushless drive**
- **Large, easy-to-read displays**
- **Save, lock, and recall up to 99 programs**
- **Direct G-force speed control**
- **Automatic rotor recognition**
- **Hold mode for extended runs**
- **Short Spin mode for quick runs**
- **User selectable acceleration and braking profiles**

Maximum Versatility

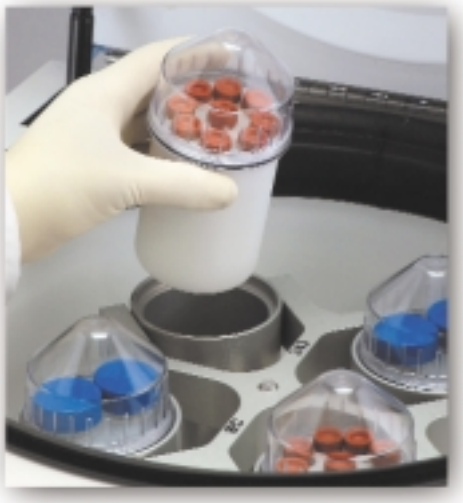
- High-speed (up to 15,000 rpm and 21,000 xg) angle rotors or high-volume (4 x 250mL) swinging bucket rotors
- Accommodates tube volumes from .25 to 250mL (including Universals) and microplates

User-Friendly

The counterbalanced cover makes the centrifuge easy for laboratory personnel to open and close. Quick, quiet, and compact, the Centra-CL5 series minimizes intrusion upon the laboratory environment. The Aerocarrier™ Adapter covers are easy to install and remove for simple and effective operator safety.

Runs Safely Every Time

Thermo IEC centrifuges are outfitted with the most advanced safety features available. The Centra-CL5 and Centra-CL5R are CE marked, manufactured under the ISO 9001 quality system, and meet IEC 1010-2-020 international standards for mechanical containment. An automatically locking lid will not open until the rotor slows to a safe speed. Balance and speed sensors display an alert message if imbalance or unsafe speed is detected. Sealed adapters provide excellent aerosol containment.



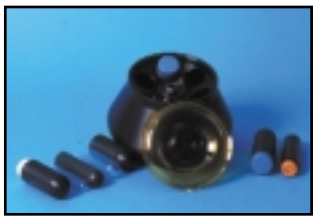
Aerocarrier Adapters

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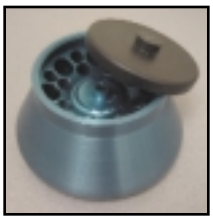
ROTOR SYSTEMS



6555C Swinging Bucket Rotor



7685C Fixed Angle Rotor



7828C Fixed Angle Rotor



6244C Microplate Rotor



7851C & 7848C Fixed Angle Rotors

6555C Swinging Bucket Rotor

4 x 250mL . . . . . 4500 rpm/4000 xg

With four buckets that directly accept sealed Aerocarrier Adapters. Order adapters from the table below.

Aerocarrier Adapters

Tubes/Bottles (mL)	Cat. No.
1 x 250	6558E
1 x 175/225 conical	6559E
1 x 100	6557E
2 x 50 conical	6560E
2 x 50 round bottom	6556E
3 x 25-30 Universals	6568E
5 x 15 conical	6561E
9 x 10-15 Vacutainer	6562E
8 x 15	6567E
9 x 5-7 Vacutainer	6563E
12 x 3-5 Vacutainer	6566E
12 x 1.5-2 microtubes	6565E

6244C Microplate Rotor

4000 rpm/1800 xg

Four Standard or two Deepwell plates

7851C Fixed Angle Rotor

24 x 1.5mL . . . . . 15,000 rpm/21,000 xg

Available separately:

5764 . . . . . 0.25-.4mL tube adapter

5763 . . . . . 0.5mL PCR tube adapter

7848C Fixed Angle Rotor

48 x .5mL . . . . . 15,000 rpm/21,000 xg

7685C Fixed Angle Rotor

6 x 85mL . . . . . 13,500 rpm/21,000 xg

Available separately:

6650E . . . . . 50mL tube adapter

6651E . . . . . 50mL conical tube adapter

6630E . . . . . 30mL tube adapter

7828C Fixed Angle Rotor

8 x 28mL . . . . . 13,500 rpm/21,000 xg

Available separately:

6616 . . . . . 15mL round bottom adapter

6613 . . . . . 12mL round bottom adapter

SPECIFICATIONS & ORDERING INFORMATION

Centra-CL5/CL5R Specifications

Maximum Speed . . . . . 15,000 rpm

Maximum Force . . . . . 21,000 xg

Maximum Tube Size . . . . . 60.8 x 125mm

Maximum Capacity . . . . . 4 x 250mL

Speed Control . . . . . Variable

Temp. Set Range . . . . . -9°C to +40°C (CL5R)

Temp. Control Range . . . . . +4°C to ambient (CL5R)

Timer Range . . . . . 0 to 99 min. 59 sec. Hold and Short Spin

Resolution . . . . . 1 sec.

Dimensions

- Height . . . . . 40cm (15.7")
- Width (CL5) . . . . . 53cm (20.9")
- Width (CL5R) . . . . . 72cm (28.3")
- Depth . . . . . 60cm (23.6")

Refrigeration (CL5R) . . . . . CFC-free

Heat Output

- CL5 . . . . . 1382 BTU/hr.
- CL5R . . . . . 2560 BTU/hr.

Ordering Information

Centra-CL5 Ventilated Centrifuge

Cat. No. 6464K . . . . . 120V, 60 Hz

Cat. No. 6465K . . . . . 220/240V, 50/60 Hz

(Order rotors and adapters separately.)

Centra-CL5R Refrigerated Centrifuge

Cat. No. 6466K . . . . . 120V, 60 Hz

Cat. No. 6467K . . . . . 220/240V, 50 Hz

(Order rotors and adapters separately.)

Vacutainer is a trademark of Becton, Dickinson and Company.

Thermo IEC 300 Second Avenue Needham Heights, MA 02494 USA Tel 781-449-8060 or 800-843-1113 Fax 781-444-6743 Email info@thermoiec.com www.thermoiec.com DS6464K

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