

## Ultracentrifuge



*Optima L-100XP*

**Brand :** Beckman Coulter

**Model:** Optima L100-XP, Max 100,000 rpm

**Custodian :** Nuntanat Kitirivorapan

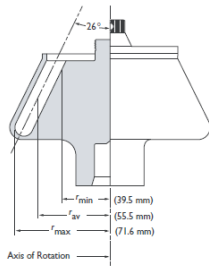
**Location :** K647 Room, 6<sup>th</sup> Floor, Chaloeprakiet Building, Phyathai Campus

**Specification:** Rotors

### Type 100 Ti

8 x 6.8 mL

### Type 100 Ti



#### Fixed-Angle Rotor, Titanium

For use in instruments classified: **R S**

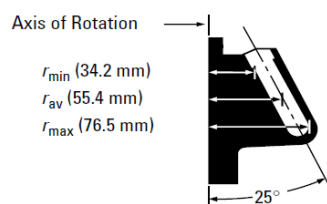
Major applications: Rapid separation of plasmid DNA and rapid differential centrifugation of small particles.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
100 000	802 000	15	8 x 6.8 mL ½ x 2 ½ in 13 x 64 mm	54 mL

### Type 90 Ti

8 x 13.5 mL

### Type 90 Ti



#### Fixed-Angle Rotor, Titanium

For use in instruments classified: **H R S**

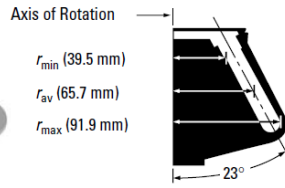
Major applications: Five-hour separation of plasmid DNA and rapid differential centrifugation of small particles.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
90 000	694 000	25	8 x 13.5 mL ¾ x 3 in 16 x 76 mm	108 mL

## Type 70 Ti

8 x 39 mL

## Type 70 Ti



### Fixed-Angle Rotor, Titanium

For use in instruments classified: **H R S**

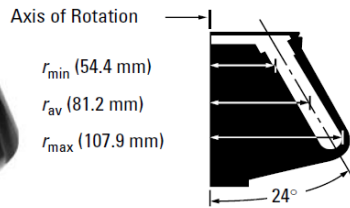
Major applications: Differential centrifugation of subcellular fractions.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
70 000	504 000	44	8 x 39 mL 1 x 3 1/2 in 25 x 89 mm	312 mL

## Type 50.2 Ti

12 x 39 mL

## Type 50.2 Ti



### Fixed-Angle Rotor, Titanium

For use in instruments classified: **H R S**

Note: This rotor cannot be used in 40,000 rpm F or H instruments or the L5-50E unless the instruments have been upgraded with a diffusion pump and vacuum indicator.

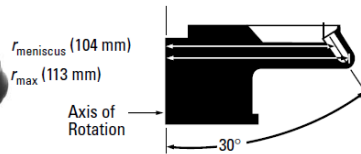
Major applications: Differential centrifugation of subcellular fractions.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
50 000	302 000	69	12 x 39 mL 1 x 3 1/2 in 25 x 89 mm	468 mL

## Type 42.2 Ti

72 x 230 µL

## Type 42.2 Ti



### Fixed-Angle Rotor, Titanium

For use in instruments classified: **H R S**

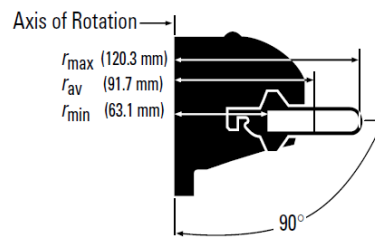
Major applications: Differential flotation of lipoproteins, rapid separation of viruses and microsomes.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
42 000	223 000	9	72 x 230 µL 0.29 x 0.8 in 7 x 20 mm	16.5 mL

## SW 60 Ti

6 x 4 mL

## SW 60 Ti



### Swinging-Bucket Rotor, Titanium Head, and Buckets

For use in instruments classified: **H R S**

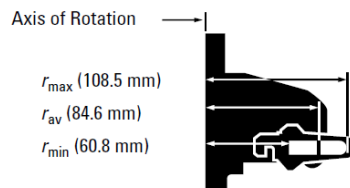
Major applications: Rate-zonal centrifugation of proteins and RNA, differential centrifugation of subcellular fractions.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
60 000	485 000	45	6 x 4 mL 7/16 x 2 1/8 in 11 x 60 mm	24 mL

## SW 55 Ti

6 x 5 mL

## SW 55 Ti



### Swinging-Bucket Rotor, Titanium Head, and Buckets (red buckets)

For use in instruments classified: **H R S**

Major applications: Rate-zonal separations of small particles.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
55 000	368 000	48	6 x 5 mL 1/2 x 2 in 13 x 51 mm	30 mL