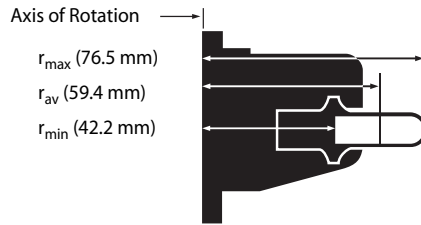


TLS-55



4 x 2.2 mL

TLS-55



Swinging-Bucket Rotor, Titanium

For use in the TL-100, Optima™ TL, Optima TLX personal micro-ultracentrifuges, and Optima MAX Series high-capacity personal micro-ultracentrifuges.

Note: Non-precipitating solutions up to 1.7 g/mL in density can be run in this rotor without a reduction in rotor speed.

Major applications: RNA pelleting in 2-3 hours; subcellular fractionation in sucrose gradients, protein separations in sucrose gradients.

Max. RPM	Max. g	k Factor	Number of Tubes Volume/Size	Rotor Capacity
55 000	259 000	50	4 x 2.2 mL 11 x 34 mm	8.8 mL

No. 346936. TLS-55 Swinging-Bucket Rotor Assembly† with 4 Titanium Buckets.

No. 346134. TLS-55 Swinging-Bucket Rotor Package. Includes Biocontained Rotor, 348305 Tube Rack, 1 Box of 347357 Polyallomer Tubes, 868638 One O-ring, 927208 Hemostats, 347358 Bucket Holder Rack, 335148 Vacuum Grease, and 306812 Spinkote™ Lubricant.

† This rotor was tested to demonstrate containment of microbiological aerosols under normal operating conditions of the associated Beckman Coulter centrifuge, when used and maintained as instructed. Validation of microbiological containment was done at an independent, third-party facility (CAMR, Porton Down, UK or USAMRIID, Ft. Detrick, MD, USA). Improper use or maintenance may affect seal integrity and, thus, containment.

Tubes and Bottles

Tube Style/Material	Vol. (mL)	Part No.	Quantity	Size (mm)	Required Caps/Spacers (qty. 1)	Required Adapters (pkg. of 8)	g-Force	k factor	Max. Speed
Quick-Seal® Polyallomer	1.5	344624	50	11 x 25	344674	—	259 000	37	55 000
	2.0	344625	50	11 x 32	344674	—	259 000	50	55 000
Thinwall Polyallomer	175 µL	342630	100	5 x 20	—	358614	248 000	22	55 000
	2.2	347357	50	11 x 34	—	—	259 000	50	55 000
Thickwall Polyallomer	1.4	347287	100	11 x 34	—	—	259 000	50	55 000
Thickwall Polycarbonate	230 µL	343775	100	7 x 20	—	358615	249 000	23	55 000
	1.4	343778	100	11 x 34	—	—	259 000	50	55 000
Thinwall Cellulose Propionate	175 µL	342630	100	5 x 20	—	358614	248 000	22	55 000
Thickwall Cellulose Propionate	230 µL	342303	100	7 x 20	—	358615	249 000	23	55 000
Thickwall Polyethylene	175 µL	343622	100	5 x 20	—	358614	248 000	22	55 000
Thinwall Ultra-Clear	2.2	347356	50	11 x 34	—	—	259 000	50	55 000

Rotor Accessories

306812 Spinkote Lubricant (2 oz)
335148 Silicone Vacuum Grease (1 oz)
338765 Floating Spacer Removal Tool
339379 Rotor Cleaning Brush
339555 Beckman Solution 555 (1qt)
339558 Rotor Cleaning Kit
347404 Rotor Cleaning Brush
347828 Fraction Recovery System Adapter Kit for TL-series tubes
347960 CentriTube Slicer
348299 CentriTube Slicer Replacement Blades (pkg of 10)
348305 Tube Rack for 11-mm Tubes (included with Rotor Package)
349487 Quick-Seal Tube Rack (Tube Rack Adapters required)*
358312 Quick-Seal Cordless Tube Topper Kit, 60 Hz
358313 Quick-Seal Cordless Tube Topper Kit, 50 Hz (Europe)
358314 Quick-Seal Cordless Tube Topper Kit, 50 Hz (Great Britain)
358315 Quick-Seal Cordless Tube Topper Kit, 50 Hz (Australia)
361668 Quick-Seal Tube Removal Tool

362100 Tube Rack Adapters, set/8, for 344624 11 x 25 mm Quick-Seal Tubes*
362101 Tube Rack Adapters, set/8, for 344625 11 x 25 mm Quick-Seal Tubes*
367803 Quick-Seal Cordless Tube Topper Kit, 50 Hz (Canada)
927208 Hemostats, 6-in. curved

* Required for obsolete Bench Quick Sealer.

Rotor Replacement Parts

345773 Rotor Stand
346364 Replacement Bucket Set, set of 4
868638 Bucket O-ring
345770 Bucket Cap Assembly (each)
347358 Bucket Stand
349338 Cap & Plunger Assembly

Adapters/Spacers

344674 358614 358615

