

Ultracentrifuge Rotors

Thermo Scientific T-647.5 Rotor

See Thermo Scientific Fiberlite Carbon Fiber Rotor Equivalent
Go to: [Fiberlite F37L-8x100](#)



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Titanium
Capacity	6 x 100 mL
Maximum Speed	47,500 rpm
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	39 x 107 mm
Angle	22.5°
K Factor	121.0
Net Weight	11 kg/24.3 lbs
Warranty	7 years

	RCF	RADIUS
Maximum	250,259 xg	99.3 mm
Average	167,847 xg	66.6 mm
Minimum	85,436 xg	33.9 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

T-647.5 Rotor Package includes:

Description	Cat. No.
T-647.5 Rotor	08322
Rotor Cover	08333
Rotor Cover Tool	20490312
Rotor Cover O-ring (qty. 1)	64668
Rotor Cover Locking Nut O-ring (qty. 1)	64667
Rotor Stand	20048993
Vacuum Grease	65937
Lubricant	61556
Locking Nut	08331
Extra Overspeed Decal (80,000 rpm)	51350
Ultracentrifuge Rotor Log Book	52384
Instruction Manual	08326
Washer for Locking Nut	51301

Accessories:

Description	Cat. No.
Ultracrimp/Clearcrimp Closure Tool	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Rotor Cap	03998
Tube Rack	03940
Tube Removal Tool	314353
Replacement O-ring for Sealing Assembly (314462)	314463

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
90.0	89.0	PA Ultracrimp Tube	03990	25	6	47,500	250,259	39 x 107	Closure	Included	25	Plug and Cap
									Closure	03998	1	Rotor Cap
									Accessory	03940	1	Tube Rack
									Tool	03920	1	Ultracrimp Sealing Tool
75.0	68.0	PC Oak Ridge Tube ¹	314460	6	6	47,500	250,259	39 x 107	Closure	314462	1	Aluminum Sealing Lid
									Tool	314353	1	Tube Removal Kit

¹ Rated to 41,000 rpm when partially filled.

Find out more at thermofisher.com/rotors

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