

Ultracentrifuge Rotors

Thermo Scientific T-865 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Titanium
Capacity	8 x 36 mL
Maximum Speed	65,000 rpm
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	25 x 97 mm
Angle	23.5°
K Factor	51.7
Net Weight	8.3 kg/18.3 lbs
Warranty	7 years

	RCF	RADIUS
Maximum	429,459 xg	91.0 mm
Average	305,340 xg	64.7 mm
Minimum	181,222 xg	38.4 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

T-865 Rotor Package includes:

Description	Cat. No.
T-865 Rotor	51411
Rotor Cover	51380
Rotor Cover Locking Nut	51338
Rotor Cover O-ring (qty. 2)	64666
Rotor Cover Locking Nut O-ring (qty. 2)	64667
Rotor Cover Tool	20490312
Rotor Stand	20048993
Vacuum Grease	65937
Lubricant	61556
Extra Overspeed Decal (65,000 rpm)	51345
Ultracentrifuge Rotor Log Book	52384
Instruction Manual	52266
Washer for Locking Nut	51301

Accessories:

Description	Cat. No.
Ultracrimp/Clearcrimp Sealing Tool	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Tool Kit for Multipiece Assembly {Includes Tube Cap Vise (51834), Tube Removal Tool (52013) and Torque Wrench (66298)}	52610
Rotor Cap	03996
Tube Racks	03935
Tube Removal Tool	314353

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
36.0	33.0	PA Thin-walled Tube	03141	25	8	65,000	429,459	25 x 89	Closure	52572	1	Multipiece Aluminum Assembly
									Tool	52610	1	Tool Kit
35.0	35.0	PA Ultracrimp Tube	03989	25	8	65,000	429,459	25 x 97	Closure	Included	50	Plug and Cap
									Accessory	03996	1	Rotor Cap
									Accessory	03935	1	Tube Racks
									Tool	03920	1	Ultracrimp Sealing Tool
30.0	23.0	PP Oak Ridge Tube ¹	314349	25	8	45,000	205,835	25 x 94	Closure	314347	1	Aluminum Sealing Cap
									Tool	314353	1	Tube Removal Kit
30.0	23.0	PC Oak Ridge Tube ²	314348	25	8	65,000	429,459	25 x 94	Closure	314347	1	Aluminum Sealing Cap
									Tool	314353	1	Tube Removal Kit
11.5	11.5	PA Ultracrimp Tube	03987	50	8	65,000	429,459	16 x 76	Closure	Included	50	Plug and Cap
									Adapter	00399	1	Adapter
									Accessory	03996	1	Rotor Cap
									Accessory	03922	1	Tube Rack
									Tool	03920	1	Ultracrimp Sealing Tool
11.5	11.5	PET Clearcrimp Tube	01087	50	8	65,000	429,459	16 x 76	Closure	Included	50	Plug and Cap
									Adapter	00399	1	Adapter
									Closure	03996	1	Rotor Cap
									Accessory	03922	1	Tube Rack
									Tool	03920	1	Ultracrimp Sealing Tool
10.0	6.8	PA Thick-walled Tube	03238	50	8	45,000	205,835	16 x 71	Adapter	00399	1	Adapter
10.0	6.8	PC Thick-walled Tube	03237	50	8	65,000	429,459	16 x 71	Adapter	00399	1	Adapter
10.0	9.1	PP Oak Ridge Tube ³	03929	50	8	30,000	91,482	16 x 80	Closure	03613	25	Nylon Screw Cap
									Adapter	00399	1	Adapter
10.0	9.1	PC Oak Ridge Tube	03020	25	8	30,000	91,482	16 x 80	Closure	03613	25	Nylon Screw Cap
									Adapter	00399	1	Adapter

¹ Tube must be run full.

² Rated to 45,000 rpm when partially filled.

³ Rated to 21,000 rpm when partially filled.

Find out more at thermofisher.com/rotors

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