

Ultracentrifuge Rotors

Thermo Scientific T-890 Rotor



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Titanium
Capacity	8 x 12.5 mL
Maximum Speed	90,000 rpm
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	16 x 80 mm
Angle	25°
K Factor	25.1
Net Weight	4.5 kg /9.9 lbs
Warranty	7 years

	RCF	RADIUS
Maximum	692,149 xg	76.5 mm
Average	500,790 xg	55.3 mm
Minimum	309,431 xg	34.2 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

T-890 Rotor Package includes:

Description	Cat. No.
T-890 Rotor	11690
Rotor Stand	20048993
Vacuum Grease	65937
Lubricant	61556
Extra Overspeed Decal (90,000 rpm)	11696
Rotor Cover	70050436
Rotor Cover O-ring (qty. 2)	20290464
Rotor Cover Locking Nut	70048779
Rotor Cover Locking Nut O-ring (qty. 5)	91910
Rotor Cover Tool	20490312
Ultracentrifuge Rotor Log Book	52384
Instruction Manual	11656

Accessories:

Description	Cat. No.
Ultracrimp/Clearcrimp Sealing Tool	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Tube Racks (qty. 2)	03922
Wrench for Re-Seal Tubes	75000478
Tube Removal Tool for Re-Seal Tubes	75000479
Tool Kit for Multipiece Seal Assembly {Includes Tube Cap Vise (52176), Tube Removal Tool (52177), Torque Wrench (52881) and 7/16" Wrench (52882)}	52609

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
12.5	11.8	PA Thin-walled Tube	03128	50	8	75,000	480,659	16 x 76	Closure	52178	1	Multipiece Aluminum Seal Assembly ¹
									Closure	52634	1	Multipiece Titanium Seal Assembly ¹
									Accessories	52609	1	Tool Kit for Multipiece Seal Assembly
11.5	11.5	PA Ultracrimp Tube	03987	50	8	90,000	692,149	16 x 76	Closure	Included	50	Plug and Cap
									Closure	03993	1	Rotor Cap
									Accessory	03922	1	Tube Racks
									Tool	03920	1	Crimp Sealing Tool
11.5	11.5	PET Clearcrimp Tube	01087	50	8	90,000	692,149	16 x 76	Closure	Included	50	Plug and Cap
									Closure	03993	1	Rotor Cap
									Accessory	03922	1	Tube Racks
									Tool	03920	1	Crimp Sealing Tool
10.0	6.8	PA Thick-walled Tube	03238	50	8	45,000	173,037	16 x 71	–	–	–	–
10.0	6.8	PC Thick-walled Tube	03237	50	8	65,000	361,028	16 x 71	–	–	–	–
10.0	9.1	PP Oak Ridge Tube ²	03929	50	8	50,000	213,626	16 x 80	Closure	03613	25	Nylon Screw Cap
10.0	9.1	PC Oak Ridge Tube ³	03020	25	8	65,000	361,028	16 x 80	Closure	03613	25	Nylon Screw Cap
6.3	6.5	PA Cone-Top Tube	75000450	50	8	80,000	546,883	16 x 45	Closure	75000452	1	16 mm Crown ⁴
									Closure	75000451	10	Stainless Steel Plug
									Tool	75000478	1	Wrench
									Tool	75000479	1	Tube Removal Tool

¹ Either aluminum rated to 65,000 rpm (52178) or titanium rated to 75,000 rpm (52634) closure is required.

² Rated to 21,000 rpm when partially filled.

³ Rated to 50,000 rpm when partially filled.

⁴ Must order one crown for each place in the rotor.

Find out more at thermofisher.com/rotors

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