

Ultracentrifuge Rotors

# Thermo Scientific T-1270 Rotor



## ROTOR SPECIFICATIONS

<b>Type</b>	Fixed Angle
<b>Material</b>	Titanium
<b>Capacity</b>	12 x 12.5 mL
<b>Maximum Speed</b>	70,000 rpm
<b>Maximum Sample Density</b>	1.2 g/mL
<b>Tube Dimensions Ø x L</b>	16 x 80 mm
<b>Angle</b>	24°
<b>K Factor</b>	36.3
<b>Net Weight</b>	5.9 kg/13.0 lbs
<b>Warranty</b>	7 years

	<b>RCF</b>	<b>RADIUS</b>
<b>Maximum</b>	448,811 xg	82.0 mm
<b>Average</b>	335,513 xg	61.3 mm
<b>Minimum</b>	222,216 xg	40.6 mm

## ROTOR AND ACCESSORIES ORDERING INFORMATION

### T-1270 Rotor Package includes:

<b>Description</b>	<b>Cat. No.</b>
T-1270 Rotor	08259
Rotor Cover	08336
Rotor Cover Locking Nut	08253
Rotor Cover O-ring (qty. 1)	67932
Rotor Cover Locking Nut O-ring (qty. 1)	64667
Rotor Cover Tool	20490312
Rotor Stand	20048993
Vacuum Grease	65937
Lubricant	61556
Extra Overspeed Decal (70,000 rpm)	08254
Ultracentrifuge Rotor Log Book	52384
Instruction Manual	08255
Washer for Locking Nut	51301

### Accessories:

<b>Description</b>	<b>Cat. No.</b>
Ultracrimp/Clearcrimp Sealing Tool	03920
Crimp Gauge Replacement	03919
Extra Plugs and Caps	03999
Tool Kit for Multipiece Seal Assembly {Includes Tube Cap Vise (52176), Tube Removal Tool (52177), Torque Wrench (52881) and 7/16" Wrench (52882)}	52609
Rotor Cap	03993
Tube Racks	03922
Wrench	75000478
Tube Removal Tool	75000479

## 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	12	70,000	448,811	16 x 76	Closure	52178	1	Multipiece Aluminum Seal <sup>1</sup>
									Closure	52634	1	Multipiece Titanium Seal
									Tool	52609	1	Tool kit for Multipiece Seal
11.5	11.5	PA Ultracrimp Tube	03987	50	12	70,000	448,811	16 x 76	Closure	Included	50	Ultracrimp Plugs and Caps
									Closure	03993	1	Rotor Cap
									Accessory	03922	1	Tube Racks
									Tool	03920	1	Ultracrimp Sealing Tool
11.5	11.5	PET Clearcrimp Tube	01087	50	12	70,000	448,811	16 x 76	Closure	Included	50	Ultracrimp Plugs and Caps
									Closure	03993	1	Rotor Cap
									Accessory	03922	1	Tube Racks
									Tool	03920	1	Ultracrimp Sealing Tool
10.0	6.8	PA Thick-walled Tube	03238	50	12	45,000	185,478	16 x 71	–	–	–	
10.0	6.8	PC Thick-walled Tube	03237	50	12	65,000	386,985	16 x 71	–	–	–	
10.0	9.1	PP Oak Ridge Tube <sup>2</sup>	03929	50	12	50,000	228,985	16 x 80	Closure	03613	25	Nylon Screw Cap
10.0	9.1	PC Oak Ridge Tube <sup>3</sup>	03020	25	12	65,000	386,985	16 x 80	Closure	03613	25	Nylon Screw Cap
6.5	6.5	PA Re-Seal Cone-top Tube	75000450	50	12	70,000	448,811	16 x 45	Closure	75000452	1	16 mm Noryl Crown <sup>4</sup>
									Closure	75000451	10	Stainless Steel Plug
									Tool	75000478	1	Wrench
									Tool	75000479	1	Tube Removal Tool

<sup>1</sup> Rated up to 65,000 rpm only.

<sup>2</sup> Tube is limited to 21,000 rpm when partially filled.

<sup>3</sup> Rated to 50,000 rpm when partially filled.

<sup>4</sup> Must order one crown for each place in the rotor.

Find out more at [thermofisher.com/rotors](http://thermofisher.com/rotors)

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