

Ultracentrifuge Rotors

Thermo Scientific TH-641 Rotor



ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Titanium
Capacity	6 x 13.2 mL
Maximum Speed	41,000 rpm
Maximum Sample Density	1.2 g/mL
Tube Dimensions Ø x L	14 x 89 mm
Angle	90°
K Factor	114.0
Net Weight	5.6 kg/12.3 lbs
Warranty	5 years

	RCF	RADIUS
Maximum	287,660 xg	153.2 mm
Average	211,333 xg	112.6 mm
Minimum	135,005 xg	71.9 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

TH-641 Tubes Rotor Package includes:

Description	Cat. No.
TH-641 Rotor	54295
Rotor Stand	20048993
Vacuum Grease	65937
Lubricant	61556
Extra Overspeed Decal (41,000 rpm)	51353
13.2 mL Buckets (qty. 6)	08225
Bucket Rack	52240
Bucket Cap Tool	11556
Bucket O-ring (ea.)	08232
Instruction Manual	52243
Ultracentrifuge Rotor Log Book	52384

Accessories:

Description	Cat. No.
Conical Adapter Removal Tool	75000480
Conical Adapter	75000466
Tube Removal Tool	75000479
Wrench	75000478

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
13.2	10.0	PA Thin-walled Tube	03699	50	6	41,000	287,660	14 x 89	–	–	–	–
12.0	12.2	PET Thin-walled Tube	06752	50	6	41,000	287,660	14 x 89	–	–	–	–
11.0	11.0	PA Re-Seal Cone-top Tube	75000411	50	6	41,000	287,660	14 x 88	Closure	75000455	1	14 mm Noryl Crown ¹
									Closure	75000451	10	Stainless Steel Plug
									Tool	75000478	1	Wrench
9.1	9.1	PET Thin-walled Ultracone Tube	75000465	50	6	41,000	287,660	14 x 84	Adapter	75000466	1	Conical Tube Adapter
									Tool	75000480	1	Conical Adapter Removal Tool
9.0	9.0	PA Thin-walled Ultracone Tube	75000474	50	6	41,000	287,660	14 x 84	Adapter	75000466	1	Conical Tube Adapter
									Tool	75000480	1	Conical Adapter Removal Tool
5.9	5.9	PA Re-Seal Cone-top Tube	75000454	50	6	41,000	287,660	14 x 47	Closure	75000455	1	14 mm Noryl Crown ¹
									Closure	75000451	10	Stainless Steel Plug
									Tool	75000478	1	Wrench
									Tool	75000479	1	Tube Removal Tool

¹ Must order one crown for each place in the rotor.

Find out more at thermofisher.com/rotors

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