

# TX-150

## Items Supplied

Article No.	Item	Quantity
75005701	<b>TX-150 Rotor</b>	1
75003786	Bolt Grease	1
50139640	Instruction Manual	1

If any parts are missing, please contact the nearest Thermo Fisher Scientific representative.

## Technical Data

### TX-150 with round buckets



Heraeus Megafuge 8R, Sorvall ST 8R and SL 8R Centrifuges			
Centrifuge Frequency	230 V	120 V	100 V
Weight (empty)	2.9 kg	2.9 kg	2.9 kg
Maximum Permissible Load	4 x 190 g	4 x 190 g	4 x 190 g
Maximum Speed $n_{max}$	4500 rpm	4500 rpm	4500 rpm
Maximum RCF-Value at $n_{max}$	3260 x g	3260 x g	3260 x g
K-Factor at $n_{max}$	12968	12968	12968
Max. Cycle Number	50000	50000	50000
Radius max. / min.	144 mm / 51 mm	144 mm / 51 mm	144 mm / 51 mm
Angle	90°	90°	90°
Acceleration / Braking Time	20 s / 30 s	20 s / 30 s	20 s / 30 s
Maximum Speed at 4 °C	50 Hz: 4500 rpm 60 Hz: 4500 rpm	60 Hz: 4500 rpm	50 Hz: 4500 rpm 60 Hz: 4500 rpm
Sample Temperature at Max. Speed (Ambient temperature of 23 °C, run time 90 minutes)	50 Hz: < 4 °C 60 Hz: < 4 °C	60 Hz: < 4 °C	50 Hz: < 4 °C 60 Hz: < 4 °C
Aerosol-tight	Optional	Optional	Optional
Permissible Temperature Range Autoclavable	121 °C	121 °C	121 °C

<b>Heraeus Megafuge 8, Sorvall ST 8 and SL 8 Centrifuges</b>			
<b>Centrifuge Frequency</b>	<b>230 V</b>	<b>120 V</b>	<b>100 V</b>
Weight (empty)	2.9 kg	2.9 kg	2.9 kg
Maximum Permissible Load	4 x 190 g	4 x 190 g	4 x 190 g
Maximum Speed $n_{max}$	4500 rpm	4500 rpm	4500 rpm
Maximum RCF-Value at $n_{max}$	3260 x g	3260 x g	3260 x g
K-Factor at $n_{max}$	12968	12968	12968
Max. Cycle Number	50000	50000	50000
Radius max. / min.	144 mm / 51 mm	144 mm / 51 mm	144 mm / 51 mm
Angle	90°	90°	90°
Acceleration / Braking Time	12 s / 18 s	13 s / 19 s	13 s / 19 s
Sample Temperature at $n_{max}$ (Ambient temperature of 23 °C, run time 60 minutes)	5 °C	5 °C	5 °C
Aerosol-tight	Yes	Yes	Yes
Permissible Temperature Range Autoclavable	121 °C	121 °C	121 °C

## TX-150 with conical buckets



<b>Heraeus Megafuge 8R, Sorvall ST 8R and SL 8R Centrifuges</b>			
<b>Centrifuge Frequency</b>	<b>230 V</b>	<b>120 V</b>	<b>100 V</b>
Weight (empty)	2.9 kg	2.9 kg	2.9 kg
Maximum Permissible Load	4 x 150 g	4 x 150 g	4 x 150 g
Maximum Speed $n_{max}$	4500 rpm	4500 rpm	4500 rpm
Maximum RCF-Value at $n_{max}$	3260 x g	3260 x g	3260 x g
K-Factor at $n_{max}$	14532	14532	14532
Max. Cycle Number	50000	50000	50000
Radius max. / min.	144 mm / 45 mm	144 mm / 45 mm	144 mm / 45 mm
Angle	90°	90°	90°
Acceleration / Braking Time	20 s / 30 s	20 s / 30 s	20 s / 30 s
Maximum Speed at 4 °C	50 Hz: 4500 rpm 60 Hz: 4500 rpm	60 Hz: 4500 rpm	50 Hz: 4500 rpm 60 Hz: 4500 rpm
Sample Temperature at $n_{max}$ (Ambient temperature of 23 °C, run time 60 minutes)	50 Hz: < 4 °C 60 Hz: < 4 °C	60 Hz: < 4 °C	50 Hz: < 4 °C 60 Hz: < 4 °C
Aerosol-tight	Optional	Optional	Optional
Permissible Temperature Range Autoclavable	121 °C	121 °C	121 °C

<b>Heraeus Megafuge 8, Sorvall ST 8 and SL 8 Centrifuges</b>			
<b>Centrifuge Frequency</b>	<b>230 V</b>	<b>120 V</b>	<b>100 V</b>
Weight (empty)	2.9 kg	2.9 kg	2.9 kg
Maximum Permissible Load	4 x 150 g	4 x 150 g	4 x 150 g
Maximum Speed $n_{max}$	4500 rpm	4500 rpm	4500 rpm
Maximum RCF-Value at $n_{max}$	3260 x g	3260 x g	3260 x g
K-Factor at $n_{max}$	14532	14532	14532
Max. Cycle Number	50000	50000	50000
Radius max. / min.	144 mm / 45 mm	144 mm / 45 mm	144 mm / 45 mm
Angle	90°	90°	90°
Acceleration / Braking Time	12 s / 18 s	13 s / 19 s	13 s / 19 s
Sample Temperature at $n_{max}$ (Ambient temperature of 23 °C, run time 60 minutes)	7 °C	7 °C	7 °C
Aerosol-tight	No	No	No
Permissible Temperature Range Autoclavable	121 °C	121 °C	121 °C

## Accessories



Article No.	Description	Rotor Capacity (places x volume, mL)	Max Tube Dimensions (Ø x L, mm)	
75005703	50 mL Conical Buckets (unsealed, no adapter needed) (set of 4)	8 x 50	29.5 x 120	
75005702	Round Buckets (set of 4)	4 x 145	50 x 100	
75005707	Click Seal Biocontainment Lids for Round Buckets (set of 4)			
75005724	Replacement O-rings for Lids (set of 4)			
<b>Adapters for 50 mL Conical Buckets (sets of 2)</b>				
75005808	15 mL Conical Tube	8 x 15	17 x 123	
<b>Adapters for 50 mL Conical Buckets (sets of 2)</b>				
no adapter needed	145 mL Bottle (75005734)	4 x 145	50 x 100	
<b>1</b>	75005735	100 mL Round Bottom Open-Top Tube	4 x 100	45 x 117
<b>2</b>	75005736	50 mL Conical or Skirted Tube	4 x 50	29.5 x 120
<b>3</b>	75005744	25 mL Universal Flat/Skirted Tube	4 x 25	25 x 120
<b>4</b>	75005737	15 mL Conical Tube	8 x 15	17 x 122
<b>4</b>	75005737	11 mL IVF Tube	8 x 11	17 x 122
<b>5</b>	75005738	14 mL Urine Tube	16 x 14	18 x 124
<b>5</b>	75005738	12 mL Blood Collection Tube (Greiner™)	16 x 12	16 x 100
<b>5</b>	75005738	10 mL Blood Collection or 15 mL Corex™/Kimble™ Tube	16 x 15	17 x 117
<b>6</b>	75005739	5/7 mL Blood Collection Tube	24 x 5/7	13 x 116
<b>7</b>	75005740	3/5 mL Blood Collection Tube	28 x 3/5	12 x 124
<b>8</b>	75005743	1.5/2 mL Microtube	40 x 2	11 x 65
<b>Rotor Packages</b>				
75005760	<b>Cell Culture Package,</b> INCLUDES: TX-150 Rotor (75005701), Round Buckets (75005702), Adapters for 50 mL Conical Tubes (75005736)	4 x 50	29.5 x 120	
75005761	<b>High Capacity Cell Culture Package,</b> INCLUDES: TX-150 Rotor (75005701), Conical Buckets (75005703), Adapters for 15 mL Conical Tubes (75005808)	8 x 50	18 x 124	
75005762	<b>Clinical Rotor Package,</b> INCLUDES: TX-150 Rotor (75005701), Round Buckets (75005702), ClickSeal Biocontainment Lids (75005707), Adapters for Blood Collection Tubes: 5/7 mL (75005739) and 10 mL (75005738)	24 x 5/7	18 x 124	