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### *Sorvall RT1*

The Thermo Scientific Sorvall T1 Centrifuge Series provides unsurpassed versatility and exceptional performance in a quiet, compact, 1.2-liter benchtop centrifuge. Offering outstanding reliability and a wide selection of rotors, the Sorvall T1 Series delivers consistent separations quickly, with maximum convenience and comfort.

	<b>Sorvall T1</b>	<b>Sorvall RT1</b>
<b>Max Capacity</b>		
Swing-Out	4x280ml	4x280ml
FixedAngle	6x100ml	6x100ml
<b>Max Density</b>	1.2	1.2
<b>Max Load</b>	1.34 kg	1.34 kg
<b>Max Speed</b>		
Swing-Out	4,100 rpm	4,100 rpm
Fixed Angle	14,600 rpm	14,600 rpm
<b>Max RCF</b>		
Swing-out	3,176 x g	3,176 x g
Fixed Angle	23,113 x g	23,113 x g
<b>Control System</b>	Microprocessor	Microprocessor
<b>Programs</b>	4	4 + pre-cooling with direct recall
<b>Speed Set/Display</b>		
Range	500–14,600 rpm	500–14,600 rpm
Step	10 rpm	10 rpm

Display Accuracy	+/- 10 rpm	+/- 10 rpm
<b>RCF Set/Display</b>		
Range	18 – 23,113	18 – 23,113
Step	1 x g across the whole range	1 x g across the whole range
Display Accuracy	+/- 1 x g	+/- 1 x g
<b>Radius Control Accuracy</b>	1mm	1mm
<b>Timer Set/Display</b>	30 sec–99 min + continuous	
<b>Temperature Set/Display</b>	N/A	-9°C to 40°C
<b>Acceleration Rates</b>	5	5
<b>Braking Rates</b>	5+nobrake	5+nobrake
<b>Drive System</b>	Direct	Direct

<b>Motor Type</b>	Brushless induction	Brushless induction
<b>Power (average / max)</b>	350 / 500W	550/800W
<b>Sound level (6 x 50 ml at 10000 rpm)</b>	61 dBA	54 dBA
<b>Sound level (4 x 280 ml at 4100 rpm)</b>	62 dBA	59 dBA
<b>Standards</b>	IEC 1010-1, IEC 1010-2-020, CE marked, UL listed, cUL certified	IEC 1010-1, IEC 1010-2-020, CE marked, UL listed, cUL certified

<b>Ordering Information</b>	<b>Sorvall T1</b>	<b>Sorvall RT1</b>
<b>Catalog Numbers</b>		
230V–50/60 Hz	75002381	75002383
120 V–60 Hz	75002382	75002384
<b>Product Dimensions</b>		
Height (lid closed) [cm / in]	37 / 14.6	37 / 14.6
Width[cm/in]	40/15.7	57/22.4
Depth[cm/in]	50/19.7	60/23.6

Weight [kg / lb]	40 / 88.1	72 / 158.7
<b>Packing Dimensions</b>		
Height [cm / in]	60 / 23.6	61 / 24.0
Width[cm/in]	61/24.0	76/29.9
Depth[cm/in]	54/21.2	74/29.1
Weight [kg / lb]	52 / 114.6	85 / 187.3



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