

OF-30R

- Ideal for sub-cellular organelle separation
- Exceptional usage for 8 x 50 mL up to 30,000 rpm (almost 100,000 xg)
- Convenient rotor coupling and decoupling complete with rotor lid closure and opening (no need additional tool)
- Maintenance free durable induction motor
- Soft motor shaft for stable rotation of heavy rotors
- Automatic half-atmosphere vacuum control at over 22,000 rpm
- Intuitive control panel with safety warning LEDs
- Imbalance cut-off function for safe operation
- Robust and safe sliding lid

Technical Specifications

		OF-30R
Speed	Max. RPM / Fixed angle	30,000 rpm
RCF (xg)	Max. RCF / Fixed angle	106,657 xg
Max. capacity	Fixed angle	4 x 1,000 mL
ACC/DEC ramps		10/10 steps
Temperature	Temperature range	-10°C to 40°C
Time control		< 100 hr, continuous
Program memory		100
Noise level		∞ 65 dB
Vacuum system		Yes
Imbalance cutoff / tracking		Yes / -
Rotor identification		manual
Dimension (W x D x H, mm)		710 x 1,000 x 1,260
Weight without rotor		415 kg
Power consumption		5.2 kVA
Power input (V, Hz)		210-240V 60 Hz (110V, 50 Hz optional)
Cat. No.		SU-R30



A1000-4



A250-6

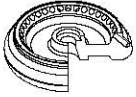





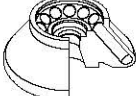

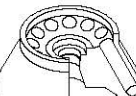











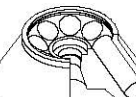

















A50-8



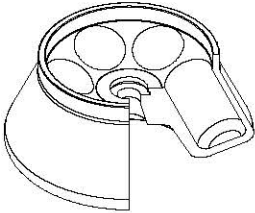

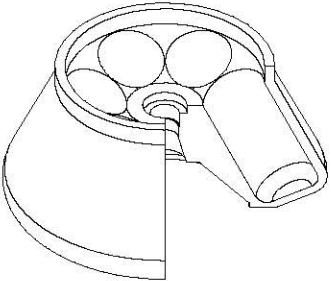

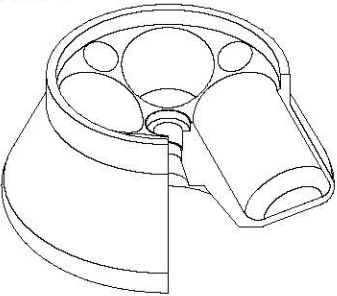

A50c-6

Fixed Angle Rotors for OF-30R (1)

Rotor	Adaptable Centrifuge	Tube Capacity Bottom Type	Required Adaptor	Bore Ø x L (mm) Radius (mm)	Max. RPM (rpm) Max. RCF (xg)
A2.0-36  Hole angle : ∠30° Max. Capacity : 36 x 1.5/2.0 mL Size (ø x H) : ø240 x 64 Max. height for tube fit : 49.5 mm Incl. a coupling bolt lid	OF-30R	 1.5/2.0 mL Micro-filter tube	-	11 x 37.5 115.7	20,000 51,741
		 0.5 mL	TR0.5 	8 x 37 111	20,000 49,639
		 0.2 mL	TR0.2 	6 x 21 100	20,000 44,720
A10-12  Hole angle : ∠36° Max. Capacity : 12 x 10 mL Size (ø x H) : ø179.9 x 82 Max. height for tube fit : 87.1 mm Incl. a coupling bolt lid	OF-30R	 10 mL Round	-	16.3 x 74.5 85.1	30,000 85,628
A15-12  Hole angle : ∠30° Max. Capacity : 12 x 15 mL Size (ø x H) : ø222.7 x 106 mm Max. height for tube fit : 121 mm Incl. a coupling bolt lid	OF-30R	 15 mL Round	-	17 x 96 106	30,000 106,657
A15c-12  Hole angle : ∠25° Max. Capacity : 12 x 15 mL conical Size (ø x H) : ø215 x 121 Max. height for tube fit : 123.2 mm Incl. a coupling bolt lid	OF-30R	 15 mL Conical	-	17 X 115 99.4	17,000 32,116
A50-6  Hole angle : ∠30° Max. Capacity : 6 x 50 mL Size (ø x H) : ø200 x 109 mm Max. height for tube fit : 122.7 mm Incl. a coupling bolt lid	OF-30R	 50 mL Round	-	29 x 100 96.1	30,000 96,696
		 15 mL Round	TR15(50) 	17 x 94 89.9	30,000 90,475
		 15 mL Conical	TR15c(50) 	17 x 105 91	30,000 91,564
A50c-6  Hole angle : ∠23° Max. Capacity : 6 x 50 mL conical Size (ø x H) : ø205.7 x 119 mm Max. height for tube fit : 118.5 mm Incl. a coupling bolt lid	OF-30R	 50 mL Conical	-	30 x 108.6 91	17,000 29,402
A50-8  Hole angle : ∠30° Max. Capacity : 8 x 50 mL Size (ø x H) : ø213 x 110.7 mm Max. height for tube fit : 110.7 mm Incl. a coupling bolt lid	OF-30R	 50 mL Round	-	29 x 100 98.9	30,000 99,513
		 15 mL Round	TR15(50) 	17 x 94 92.8	30,000 93,375
		 15 mL Conical	TR15c(50) 	17 x 105 93.9	30,000 94,482
A85-6  Hole angle : ∠25° Max. Capacity : 6 x 85 mL Size (ø x H) : ø209.1 x 112 mm Max. height for tube fit : 115.4 mm Incl. a coupling bolt lid	OF-30R	 85 mL Round	-	38.3 x 95 97.6	25,000 68,198
		 50 mL Round	TR50(85) 	29 x 95 92.9	25,000 64,912
		 50 mL Conical	TR50c(85) 	29.5 x 100 93	25,000 64,984
		 15 mL Round	TR15(85) 	17 x 94 89	25,000 62,189
		 15 mL Conical	TR15c(85) 	17 x 100 89.2	25,000 62,329

* Radius : From the center of the rotor to the inner end of tube carrier.

Fixed Angle Rotors for OF-30R (2)

Rotor	Adaptable Centrifuge	Tube Capacity Bottom Type	Bore Ø x L (mm) Radius (mm)	Max. RPM (rpm) Max. RCF (xg)
<p>A250-6</p>  <p>Hole angle : $\angle 25^\circ$ Max. Capacity : 6 x 250 mL Size (ø x H) : ø295.6 x 147.8 mm Max. height for tube fit : 132 mm Incl. a coupling bolt lid</p>	OF-30R	 250 mL Flat	62 x 103 138.3	10,000 15,462
<p>A500-6</p>  <p>Hole angle : $\angle 25^\circ$ Max. Capacity : 6 x 500 mL Size (ø x H) : ø336 x 179 mm Max. height for tube fit : 168.5 mm Incl. a coupling bolt lid</p>	OF-30R	 500 mL Flat	70 x 141 158.7	8,000 11,355
<p>A1000-4</p>  <p>Hole angle : $\angle 25^\circ$ Max. Capacity : 4 x 1,000 mL Size (ø x H) : ø350 x 196 mm Max. height for tube fit : 184.8 mm Incl. a coupling bolt lid</p>	OF-30R	 1,000 mL Flat	98 x 144 169.9	7,000 9,307

* Radius : From the center of the rotor to the inner end of tube carrier.