

Superspeed Rotors

Thermo Scientific BIOFlex HS Rotor



ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel with Aluminum Buckets
Capacity	4 x 400 mL
Maximum Speed	7,000 rpm
Tube Dimensions Ø x L	80 x 125 mm
Angle	Horizontal
K Factor	4,889
Net Weight	4.36 kg/9.6 lbs (Rotor Cross) 7.64 kg/16.8 lbs (Cross with Buckets)
Maximum Load per Bucket	600 g
Warranty	10 years
Certifications	

	RCF	RADIUS
Maximum	10,025 x g	183 mm
Minimum	3,890 x g	71 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
BIOFlex HS	Max. Speed	7,000 rpm	7,000 rpm
	Max. RCF	10,025 x g	10,025 x g

BIOFlex HS Rotor Package includes:

Description	Cat. No.
BIOFlex HS Rotor, including 4 Buckets	75003002
400 mL Polypropylene Wide-Mouth Bio-Bottles (qty. 4)	75007585
Anti-Corrosive Oil	70009824
Lubricant for Metal Parts	75003786
Instruction Manual	50136234

Accessories:

Description	Cat. No.
ClickSeal Biocontainment Lids (qty. 4) 	75003656
O-Ring Replacement Kit for ClickSeal Lids (qty. 4)	75003657
Rotor Stand	75003711
Replacement BIOFlex HS buckets, set of 4	75003040
Replacement O-Ring for Biocontainment Cap for Double Biocontainment Vessel for 50 mL Conical Tube (qty. 6)	75003789

 Biocontainment certification by Public Health England, Porton Down, UK.

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ¹ (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
400.0	400.0	Polypropylene Bio-Bottle	75007585	12	4	7,000	10,025	80 x 125	—	—	—	—
250.0	250.0	Fiberlite PPCO Oak Ridge Bottle	010-1495	6	4	7,000	10,025	61 x 124	Closure	Included	6	PPGF Cap w/ PP Plug
250.0	250.0	Fiberlite PC Oak Ridge Bottle	010-1496	6	4	7,000	10,025	61 x 124	Closure	Included	6	PPGF Cap w/ PP Plug
250.0	250.0	Nalgene™ Wide-Mouth Conical Bottle	—	—	4	7,000	10,025	60x144	Adapter	75004258	4	1 place/adapter
250.0	250.0	Nalgene PP Bottle	3141-0250	36	4	7,000	10,025	62 x 135	Adapter	75004257	4	1 place/adapter
250.0	250.0	Nalgene PC Bottle	3140-0250	36	4	7,000	10,025	62 x 135	Adapter	75004257	4	1 place/adapter
225.0	—	Falcon™ Conical Bottle	—	—	4	4,800	4,700	62 x 130	Adapter	75004257	4	1 place/adapter
									Adapter	BD 352090	Purchase Separately	1 place/adapter
200.0	200.0	Nunc™ PP Conical Bottle	376813	48	4	7,000	10,025	62 x 125	—	75004258	4	1 place/adapter
175.0	175.0	Nalgene PP Wide-Mouth Conical Bottle	3143-0175	36	4	7,000	10,025	62 x 125	—	75004258	4	1 place/adapter
175.0	175.0	Nalgene PC Wide-Mouth Conical Bottle	3144-0175	36	4	7,000	10,025	62 x 125	—	75004258	4	1 place/adapter
100.0	—	Round Bottom Open-Top Tube	—	—	4	4,800	4,700	45 x 117	Adapter	75003708	4	1 place/adapter
50.0	—	DIN Round Bottom Tube	—	—	12	4,800	4,700	34.5 x 105	Adapter	75003707	4	3 places/adapter
50.0	42.0	Nalgene PP Oak Ridge Tube	3139-0050	100	16	7,000	10,025	28.5 x 114	Adapter	75003799	4	4 places/adapter
50.0	42.0	Nalgene PC Oak Ridge Tube	3138-0050	100	16	7,000	10,025	28.5 x 114	Adapter	75003799	4	4 places/adapter
50.0	—	Conical Tissue Culture Tube	—	—	16	4,800	4,700	29.5 x 116	Adapter	75003683	4	4 places/adapter
50.0	—	Conical Tissue Culture Tube	—	—	12	7,000	10,025	29.5 x 116	Adapter	75005393	4	3 places/adapter
50.0	—	Double Biocontainment Vessels for 50 mL Conical Tube	—	—	12	7,000	10,025	29.5 x 116	Adapter Vessel	75004259 75003787	2 1	2 places/adapter (2 included per 2 adapters)
		Nalgene Oak Ridge Tube	—	—	12	7,000	10,025	1 x 30	Adapter	75005802	2	1 place/adapter
		Nalgene Oak Ridge Tube	—	—	12	7,000	10,025	1 x 16	Adapter	75005803	2	1 place/adapter
		Conical Tissue Culture Tube	—	—	12	7,000	10,025	1 x 15	Adapter	75005808	2	1 place/adapter
		Blood Collection Tube	—	—	12	7,000	10,025	1 x 10	Adapter	75005804	2	1 place/adapter
		Blood Collection Tube	—	—	12	7,000	10,025	1 x 7	Adapter	75005805	2	1 place/adapter
		Blood Collection Tube (11 mm)	—	—	24	7,000	10,025	2 x 3.5	Adapter	75005806	2	2 places/adapter
		Microtube	--	—	24	7,000	10,025	2 x 1.5/2	Adapter	75005807	2	2 places/adapter
30.0	—	DIN Round/Flat Bottom Tube	—	—	20	7,000	10,025	25.5 x 108	Adapter	75003703	4	5 places/adapter
20.0	—	Round Bottom Tube	—	—	12	4,800	4,700	25 x 110	Adapter	75003706	4	3 places/adapter
16.0	16.0	Nalgene PP Round Bottom Tube	3139-0016	50	28	7,000	10,025	18 x 112	Adapter	75003798	4	7 places/adapter
16.0	16.0	Nalgene PC Round Bottom Tube	3138-0016	50	28	7,000	10,025	18 x 112	Adapter	75003798	4	7 places/adapter
15.0	—	Conical Tissue Culture Tube	—	—	36	7,000	10,025	17 x 121	Adapter	75005394	4	9 places/adapter
15.0	—	Blood Collection Tube (17 x 125 mm)	—	—	16	4,800	4,700	15.5 x 131	Adapter	75003794	4	4 places/adapter
15.0	—	Round Bottom Tube (Sarstedt™)	—	—	40	4,800	4,700	17 x 105	Adapter	75003704	4	10 places/adapter

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF ¹ (x g)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
10/15 ml	—	Corex™/Kimble™ Tube or 10 mL Blood Collection (BD Vacutainer™/Vacuette™)	—	—	56	7,000	10,025	17 x 113	Adapter	75003681	4	14 places/adapter
5/7 ml	—	Blood Collection Tube (Vacutainer)	—	—	76	4,800	4,700	13 x 110	Adapter	75003680	4	19 places/adapter
4.5/6 ml	—	Blood Collection Tube (Greiner™)	—	—	64	7,000	10,025	13 x 110	Adapter	75003825	4	16 places/adapter
3/5 ml	—	RIA or Round Bottom Tube (without cap)	—	—	76	7,000	10,025	11 x 110	Adapter	75003793	4	19 places/adapter
1.5-2ml	—	Conical/Round Microtube	—	—	136	7,000	10,025	11 x 45	Adapter	75003700	4	34 places/adapter

Refer to manufacturer's recommendations for product performance information.

Find out more at thermofisher.com/rotors

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