

Superspeed Rotors

# Thermo Scientific BIOFlex HS Rotor



## ROTOR SPECIFICATIONS

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

	RCF	RADIUS
<b>Maximum</b>	10,025 x g	183 mm
<b>Minimum</b>	3,890 x g	71 mm

## ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL LYNX 6000	SORVALL LYNX 4000
<b>BIOFlex HS</b>	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 Replacment 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 <sup>1</sup> (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 Adapter	75004257 BD 352090	4 Purchase Separately	1 place/adapter 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 <sup>1</sup> (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](https://www.thermofisher.com/rotors)

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