

thermo scientific



Spin More With Less - Thermo Scientific H-Flex 1 Swing Out Rotor

Now offering the highest capacity available for 1.6L Benchtop Centrifuges

ThermoFisher
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Big things come in small packages

Increased flexibility in the Thermo Scientific™ General Purpose 1.6L Benchtop Centrifuges

You can now switch from spinning tubes to microplates without having to change rotors! Help increase your uptime in both clinical and diagnostic applications as well as cell culture and research. The Thermo Scientific™ H-Flex 1 Swing Out Rotor allows for high capacity sample separation in conical tubes, blood tubes and microplates in one rotor for small-footprint general purpose centrifuges.

Help save time, valuable storage space, and improve your ergonomic safety by reducing the number of rotor changes required for your work.

Comes with the Thermo Scientific™ Auto-Lock™ rotor exchange, simple, one-click rotor installation and removal, one-handed Thermo Scientific™ ClickSeal™ Biocontainment Lids and slide-coat finish eliminating the need for lubrication between the rotor cross and buckets.

Tube/Plate Capacities	Enhanced Capacity!	Original Capacity	
	 H-Flex 1		 AND M-20
 50mL Conical Tube Nunc / BD / Corning	16 (2 x 8)	16 (4 x 4)	
 15mL Conical Tube Nunc / BD / Corning	36 (2 x 18)	36 (4 x 9)	
 10 / 12mL Blood Tube BD / Greiner	66 (2 x 33)	56 (4 x 14)	
 5 / 7 mL Blood Tube BD / Greiner	84 (2 x 42)	76 (2 x 17)	
 Microwell Plate	10 (2 x 5)		6 (2 x 3)
 Deepwell Plate	2 (2 x 1)		2 (2 x 1)

General Purpose Centrifuge speed ratings

Centrifuge	Maximum Speed (rpm)	Maximum RCF (x g)
Sorvall Legend X1, Sorvall ST16	4700	4297
Multifuge X1, Megafuge 16	4700	4297
SL16	4700	4297



Image 1 - H-Flex Rotor Cross



Image 2 - Rotor cross shown with buckets (rotor cross is sold separately, see below for selection)



Image 3 - Rotor cross shown with buckets and with biocontainment lids (buckets and rotor cross sold separately, see below for selection)



Image 4 - 50 mL Conical Tube Adapter



Image 5 - 15 mL Conical Tube Adapter



Image 6 - 5/7 mL Blood Collection Tube Adapter

Adapter Specifications

Description	Rotor Capacity (places x volume, mL)	Maximum Tube Dimensions (diameter x L, mm)	Image	Cat. No.
H-Flex 1 Rotor Cross (Buckets and Lids sold separately)			1	75003300
H-Flex 1 Rotor Buckets, set/2			2	75003301
H-Flex 1 Rotor Biocontainment Lids (Set of 2)			3	75003302
H-Flex 1 Rotor Biocontainment Lid Replacement O-Rings (Set of 2)				75003309
Adapters for H-Flex 1 Rotor (Sets of 2)				
50 mL Conical Tube	16 x 50 mL	30 x 126	4	75003303
15 mL Conical Tube	36 x 15 mL	17 x 121	5	75003304
10/12 mL Blood Collection Tube (16x100)	64 x 10/15mL	16 x 133	6	75003305
5/7 mL Blood Collection Tube (13x75-100mm)	84 x 5/7 mL	13 x 10	7	75003306
Microplate Carriers	6 standard 2 deepwell	n/a	8	75003307
H-Flex 1 Rotor 400m Bottle and Centri-lab Adapter*	n/a	n/a	9	75003308



Image 7 - 5/7 mL Blood Collection Tube Adapter



Image 8 - Microplate Adapter



Image 9 - 400 mL Bottle/Centri-lab Adapter

*A software update requiring a service call by your Thermo Scientific representative may be required. Please contact your local salesperson for more information; 400mL Bottle/Centri-lab Adapter maximum speed is 3800 rpm and 2800 x g.

Other Thermo Scientific rotor innovations

Increased choices

- New steeper well angle enables better pelletization
- Updated LEX version reduces weight by - 1/3 (3.5 pounds) for even easier installation and removal
- Original F15-6x100 still available when higher speeds are needed

Increased flexibility

- New microliter rotor enables compatibility with shorter 5mL centrifuge tubes
- Spin 18 small volume conical tubes at once
- ClickSeal Biocontainment Lid for prevention of potential contamination and easy removal for quick sample access



New Fiberlite F10-6x100 LEX Rotor



New MicroClick 18 x 5mL Rotor

Thermo Scientific Fiberlite Rotors Ordering information

Cat. No.	Description
75003340	F10-6x100 LEX, 45 degree angle
75005765	MicroClick 18 x 5 Fixed Angle Microtube Rotor

Find out more at thermofisher.com/rotors

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