



For Ordering or Technical Information

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Quality Products – Lifetime Care

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**EVERYTHING
REVOLVES
AROUND...**

...THE ONE.



UNBELIEVABLE

The Heraeus® Multifuge® 1 completes the new generation of universal centrifuges from Kendro.

High Performance in All Areas

This 1–2 liter centrifuge provides best all-around performance.

Aerosol-tight Centrifugation

The Multifuge® 1 is the only centrifuge in its class offering the uncompromised safety of aerosol-tight containment with all its rotors. Rotors and bucket assemblies have been independently tested for biocontainment (CAMR, Porton Down, UK).

Designed for Quiet, Stable Operation

Specially constructed to decouple the drive system from the cabinet, the Multifuge® 1 has excellent run stability providing gentle separations and whisper quiet operation.

SMARTspin™

Patented imbalance detection saves time-consuming weighing of samples and allows eye-ball balancing.

Low Loading Height

At less than 32 cm (12.6 inch), the height of the Multifuge® 1 is extremely low and allows comfortable loading and unloading of the rotor.

Automatic Rotor Recognition

Incorrect parameter setting is recognized and reported within a few seconds – ensuring a high degree of safety.

Intuitive Interactive User Interface

Regardless of whether you prefer the EASYset soft touch keypad or the QUIKset® rotary switch control – the Multifuge® 1 is simple to use.

Automatic Lid Lock

Simple closure of the centrifuge can be taken for granted – this motorized lid lock comes standard in all our Multifuges®.

ORDER NUMBERS

Model

Multifuge® 1 with EASYset (soft touch key pad)

Multifuge® 1 S	230 V	50/60 Hz	without accessories	75004311
Multifuge® 1 S-R refrigerated	230 V	50/60 Hz	without accessories	75004331

Multifuge® 1 with QUIKset® (rotary switch control)

Multifuge® 1 L	230 V	50/60 Hz	without accessories	75004310
Multifuge® 1 L-R refrigerated	230 V	50/60 Hz	without accessories	75004330

Safety carts for Multifuge® 1

Underbench S/L	H/W/D	mm (inch)	290 x 550 x 665	11.4 x 21.7 x 26.2	76000078
Ergonomic S/L	H/W/D	mm (inch)	600 x 550 x 665	23.6 x 21.7 x 26.2	76000077
Underbench S-R/L-R	H/W/D	mm (inch)	290 x 735 x 665	11.4 x 29.5 x 26.2	76000076
Ergonomic S-R/L-R	H/W/D	mm (inch)	600 x 735 x 665	23.6 x 29.5 x 26.2	75000075

Rotors

Fixed angle rotors

Microliter rotor	75003348
FA 12.94 Highconic® rotor	75002006

Swinging-bucket rotors

TTH-400	75002000
Round bucket (400 ml), for Centri-Lab® adapter type E	75002002
Rectangular bucket (150 ml), for Centri-Lab® adapter type A & A plus	75002001
Microplate rotor MP 3300	75002010
BIOshield® 600 rotor	75002005

EVALUABLE

**The new Multifuge® 1.
Best all-around performance.**



PERFOR



Would you like to know more about the new Heraeus® Multifuge® 1 models?
You wish to receive detailed information about this innovative family of centrifuges?
Kendro will be pleased to help you – just call or send us an email!

MANANCE

TECHNICAL DATA MULTIFUGE® 1 / 1-R

Drive		brushless induction drive	
Control		Microprocessor-controlled by EASYset (soft touch keypad) or QUIKset® (rotary switch control)	
Range of speeds	rpm	300–15,000, adjustable in increments of 10	
Max. RCF	x g	24,573	
Capacity	Fixed angle rotor	6 x 94 ml High-speed vessels	
		6 x 15 / 50 ml type Falcon (FA 12.94 Highconic® rotor)	
	Swinging-bucket rotor	4 x 400 ml (TTH-400 – round buckets)	
		12 x 50 ml / 32 x 15 ml type Falcon	
		56 x 7 ml blood sampling	
Dimensions (H/W/D)			
Multifuge® 1	mm (inch)	362 x 499 x 610 (14.3 x 19.6 x 24.0)	Working height: 316 (12.4)
Multifuge® 1-R	mm (inch)	364 x 685 x 655 (14.3 x 27.0 x 26.0)	Working height: 316 (12.4)
Weight (without rotor)			
Multifuge® 1	kg (lb)	85 (187)	
Multifuge® 1-R	kg (lb)	116 (256)	
Run time		0–9 h 59 min., “hold”	
Temperature range			
Multifuge® 1-R	°C	–9 to +40, CFC-free refrigerant	

SPECIFICATIONS OF ROTORS

	Fixed angle rotors		Swinging-bucket rotors			
	Microliter rotor	FA 12.94 Highconic®-Rotor	TTH-400		Microplate rotor MP 3300	BIOshield® 600
Bucket	-	-	round buckets	rectangular buckets	incl.	incl.
Max. speed (rpm)	15,000	10,350	4,700	4,700	4,400	6,000
Max. RCF (x g)	24,573 (outer ring) 21,882 (inner ring)	15,040	4,618	4,618	3,354	6,841
Max. capacity	48 x 1.5/2 ml	6 x 94 ml 6 x 15/50 ml Falcon 18 x 16 ml	4 x 400 ml	4 x 150 ml	2 x 4 microplates 2 x 1 deep-well plates	4 x 150 ml
						