

Thermo Scientific Heraeus Multifuge 1 Specifications



Specifications		Multifuge 1 S / 1 L	Multifuge 1 S-R / 1 L-R
Drive		Brushless induction drive	Brushless induction drive
Control		Microprocessor controlled EASYset (Soft Touch Keypad) or QUIKset (Rotary Switch Control)	Microprocessor controlled EASYset (Soft Touch Keypad) or QUIKset (Rotary Switch Control)
Speed range	rpm	300 – 15,000, adjustable in 100 rpm increments (QUIKset) or in 10 rpm increments (EASYset)	300 – 15,000, adjustable in 100 rpm increments (QUIKset) or in 10 rpm increments (EASYset)
Max. RCF	x g	24,652	24,652
Max. capacity	fixed angle rotor	6 x 94 High-speed vessels or 6 x 15 / 50 ml type Falcon	6 x 94 High-speed vessels or 6 x 15 / 50 ml type Falcon
	swinging bucket rotor	4 x 400 ml or 12 x 50 mL / 32 x 15 ml type Falcon or 56 x 7 ml blood sampling	4 x 400 ml or 12 x 50 mL / 32 x 15 ml type Falcon or 56 x 7 ml blood sampling
Accel./decel. profiles		9/9 (1 S / 1 S-R), soft brake (QUIKset)	9/9 (1 S / 1 S-R), soft brake (QUIKset)
Program memory		4 + 1 pretemp program (EASYset)	4 + 1 pretemp program (EASYset)
Run time		0 – 9 h 59 min, hold	0 – 9 h 59 min, hold
Temperature range	°C	–9 to 40 (1 L-R / 1 S-R), CFC-free refrigerant	–9 to 40 (1 L-R / 1 S-R), CFC-free refrigerant
Functions		RCF-preselection, Quick-run, automatic rotor recognition and imbalance detection	RCF-preselection, Quick-run, automatic rotor recognition and imbalance detection
Imbalance recognition		Electronic, speed and rotor dependent	Electronic, speed and rotor dependent
Design		Galvanized steel chassis with armored chamber	Galvanized steel chassis with armored chamber
Safety		Lid lock and lid interlock (automatic lid locks)	Lid lock and lid interlock (automatic lid locks)
Dimensions (H x W x D)	mm (inch)	365 x 500 x 615 (14.4 x 19.7 x 24.2)	365 x 686 x 665 (14.4 x 27 x 26.2)
	working height	316 (12.4)	316 (12.4)
Max. noise	dB (A)	< 64	< 54
Weight	kg (lb)	ca. 92 (203)	118 (259)
Power consumption	W 230 V / 120 V	1,300 / 1,200	1,520 / 1,440
Test standards		Designed and tested in accordance with EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1	Designed and tested in accordance with EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1

Ordering Information	Multifuge 1	Multifuge 1-R
Multifuge S models - with EASYset (Soft Touch Keypad)		
230 V, 50/60 Hz, without accessories	75004311	75004331
120 V, 60 Hz, without accessories	75004315	75004335
Multifuge L models - with QUIKset (Rotary Knob Control)		
230 V, 50/60 Hz, without accessories	75004310	75004330
120 V, 60 Hz, without accessories	75004314	75004334

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North America: USA/Canada +1 866 984 3766

Europe: Austria +43 1 801 40 0, Belgium +32 2 482 30 30, France +33 2 2803 2000, Germany national toll free 08001-536 376, Germany international +49 6184 90 6940, Italy +39 02 02 95059 434-254, Netherlands +31 76 571 4440, Nordic countries +358 9 329 100, Russia/CIS +7 (812) 703 42 15, Spain/Portugal +34 93 223 09 18, Switzerland +41 44 454 12 12, UK/Ireland +44 870 609 9203

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