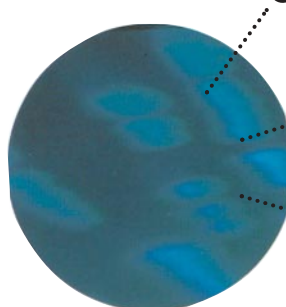




HAWK 15/05R

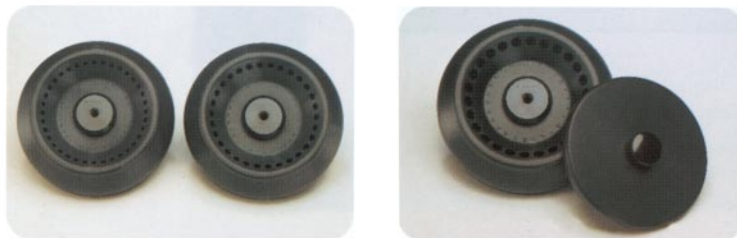
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- BRUSHLESS INDUCTION DRIVE SYSTEM
 - FAST EFFICIENT COOLING
 - COMPACT DESIGN

HAWK 15/05 REFRIGERATED

A refrigerated microcentrifuge designed to be used in a wide variety of life science applications, especially biochemical and genetic research. The use of a powerful brushless motor means that high speeds and consequently higher 'g' forces up to 23,140 can be achieved.

MSE's advanced refrigeration technology means that the HAWK features a precool facility and can maintain 4°C with a fully loaded rotor at the maximum speed of 15,000rpm. Designed as a compact unit the HAWK takes up a minimum of bench space.

The easy to use control pad has been developed so that operators need minimal training to be able to use the HAWK. The HAWK is simple to order as the unit comes supplied with the 26 x 2.0ml rotor. Other rotors and a sealing lid are available as optional accessories.



Dimensions

Height	Width	Depth	Weight
335mm	290mm	500mm	34kg



HAWK 15/05R SPECIFICATION

Max speed 2.0ml microtube rotor	15,000 rpm
Max RCF microtube rotor	23,140 g
Max tube size	2 ml
Max capacity	52 ml
Speed control range (rpm)	100-15,000 rpm
Speed setting increments	100 (rpm or 'g')
Speed control accuracy	±10 rpm
Selectable temperature range	-9°C to +40°C
Temperature control range	0°C to +40°C
Temperature control	±1°C
Time set range	1-99 mins
	Time hold
Pulse button	Yes
Timer accuracy	1 sec

- Intelligent microprocessor control
- Inverter controlled brushless motor
- Rotor in place detector
- Rotor code for RCF programming
- Set and run in RCF or RPM
- RCF conversion facility
- Pulse button
- Last run memory
- Compact size
- Green LED display
- Overspeed protection system
- Full lid interlock
- Self diagnostics
- Status indicator codes



- CFC - Free refrigerant gas R134a
- Fast efficient cooling
- Selectable temperature range -9°C to +40°C
- Precool facility
- CFC-free insulation
- Gas strut lid opening
- Simple and easy to use
- Easy to service
- 10 acceleration rates
- 10 brake rates
- All accessories fully autoclavable
- Sealing lid available for all microtube rotors
- Designed to comply with BS EN 61010-2-020: 1995

Microtube rotors for use in Hawk 15/05 REFRIGERATED

CAT.NO.	CAPACITY	OPTIONAL SEALED LID	MAX SPEED	MAX 'g'
43117-620	26 x 2.0 ml	43117-627	15,000 rpm	21,882
43117-621	30 x 0.75 ml	43117-627	15,000 rpm	20,373
43117-622	36 x 0.4 ml	43117-627	15,000 rpm	23,140
43117-624	24 place Haematocrit	-	15,000 rpm	22,385
43117-626	24x2ml stepped rotor	43117-628	15,000 rpm	18,361

Catalogue Numbers

220/230V 50Hz	MSB005.CR2.K
120V 60Hz	MSB005.CR2.H

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