

NEW



Mini Centrifuges

Stuart® has earned an excellent reputation with products such as rockers, shakers and rotators for reliability and user friendly operation. The range has now been extended to include mini centrifuges.

The SCF1 Spinner has a fixed speed of 6,000rpm and is ideal for a variety of lab processes such as reagent recovery.

The SCF2 is a Microcentrifuge with a maximum speed of 13,500rpm, powerful enough for separations e.g DNA extraction.

Both products are compact, easy to operate and come with a 3-year warranty as standard. Protected by BioCote® antimicrobial protection.



Mini Centrifuges

Spinner, SCF1

NEW

- Fixed speed, 6000 rpm spinner
- 8 tube capacity
- Compact and quiet
- Auto start (just close the lid)
- BioCote® antimicrobial protection

The SCF1 is a mini personal spinner for centrifugation of up to 8 x 1.5ml or 2.2ml microfuge tubes or two strips of 8 x 0.2ml tubes at speeds of up to 6,200rpm. The rotors (supplied) are easily installed without the use of tools. The SCF1 is very simple to use with the added advantages of a small footprint and quiet operation. The unit operates as soon as the lid is closed and automatically stops when it is opened. Alternatively it can be operated via a mains on / off switch.

Technical Specification

	SCF1 Microtube	SCF1 Striptube
Rotor	Micro tube	Strip tube
Speed, rpm	6000 (fixed)	6200 (fixed)
Maximum RCF	1290 to 2910 x g	Max. 1200 to 2690 x g Min. 810 to 1820 x g
Maximum capacity	8 x 1.5 or 2.2ml tubes	2 x 0.2ml 8-tube strips
Both modes		
Speed control	Automatic/constant speed	
Acceleration time	Within 5s up to 90% of rated speed	
Deceleration time	Within 15s	
Drive system	Direct drive/vibration insulated	
Brake	Dynamic braking	
Power	230V, 50/60Hz	
Dimensions, mm (w x d x h)	155 x 175 x 125	
Weight, kg	1	

Ordering information

Model	Description
SCF1	Spinner (0 to 6200rpm)

Spares

Model	Description
SCF1/1	Microtube rotor, 8 x 1.5ml
SCF1/2	Strip tube rotor, 2 x 0.2ml 8-tube strips



SCF1



SCF1

Mini Centrifuges

Microcentrifuge, SCF2

NEW

- Variable speed microfuge
- Maximum speed 13,500rpm
- Timer and pulse start
- 12 tube capacity
- Compact and quiet
- Lid safety mechanism
- BioCote® antimicrobial protection

The SCF2 is a compact microcentrifuge for centrifugation of up to 12 x 1.5ml or 2.2ml microfuge tubes or four strips of 8 x 0.2ml tubes at speeds of up to 13,500rpm. The unit is supplied with adaptors for use with the fixed angle rotor to enable 0.5ml and 0.2ml tubes to be centrifuged. The rotors are easily installed without the use of tools. Centrifugation speed can be displayed as either rpm or rcf and the timer can be set for run times of between 1 and 30 minutes. In addition, a pulse button enables a rapid spin down by accelerating the rotor to the preset rpm then promptly decelerating. For safety, the door of the SCF2 remains locked while the rotor is in motion.

Technical Specification

	SCF2 Fixed	SCF2 Strip
Rotor	Fixed angle rotor	Strip tube rotor
Maximum speed, rpm	13,500	6,000
Maximum RCF	12,300 x g	1,850 x g (outer) 1,542 x g (inner)
Maximum capacity	12 x 1.5 or 2.2ml tubes	4 x 0.2ml 8-tube strips
Both modes		
Timer	1 to 30 min (1 min intervals)	
Acceleration time	≤12s (to full speed)	
Deceleration time	≤16s (fully stopped)	
Noise level	≤60dB	
Safety	Door lock	
Power	220V, 50/60Hz	
Dimensions, mm (w x d x h)	208 x 245 x 145	
Weight, kg	4.4	

Ordering information

Model	Description
SCF2	Microcentrifuge, (0 to 13,500rpm)

Spares and Accessories

Model	Description
SCF2/2	Strip tube rotor, 4 x 0.2ml 8-tube strips
SCF2/1/05	0.5ml tube adaptors
SCF2/1/02	0.2ml tube adaptors



SCF2



SCF2

Also available from Stuart

Handheld Homogeniser, SHM1

NEW

- Ergonomic design
- Variable motor speed 5,000 to 35,000rpm
- Processing range from 0.03ml-100ml
- Can be used with robust polycarbonate disposable probes or stainless steel ones

Technical Information

	SHM1
Motor	125 watt
Speed control	5,000 to 35,000rpm
Processing range	0.03ml to 100ml
Sound level	<72 db
Net weight, kg	0.5
Dimensions, mm (h x Ø)	160 x 55
Electrical supply	220-240V, 50Hz
IP Rating	30

Ordering information

Model	Description
SHM1/UK	Handheld homogeniser, UK plug
SHM1/EURO	Handheld homogeniser, European plug



SHM1

Laboratory Homogeniser, SHM2

NEW

- Can be handheld or stand mounted
- Variable motor speed 5,000 to 28,000rpm
- Processing range from 0.03ml-2L
- Powerful 700 watt motor

Technical specification

	SHM2
Motor	700 watt
Speed control	5,000 to 28,000rpm
Processing range	0.03ml to 2L
Sound level	<72 db
Net weight, kg	1.6
Dimensions, mm (h x Ø)	220 x 70
Electrical supply	220-240V, 50Hz
IP Rating	30

Ordering information

Model	Description
SHM2/UK	Laboratory homogeniser, UK plug
SHM2/EURO	Laboratory homogeniser, European plug



SHM2



A selection of probes and accessories are also available



Bibby Scientific Limited
 Beacon Road, Stone, Staffordshire,
 ST15 0SA, United Kingdom
 Tel: +44 (0)1785 812121
 Fax: +44 (0)1785 810405
 e-mail: sales@bibby-scientific.com
 www.stuart-equipment.com