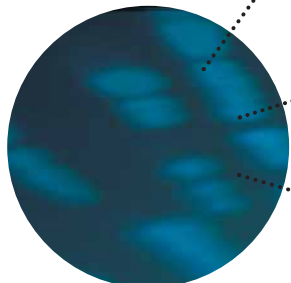




MISTRAL 1000

- 
- ECONOMICAL
 - SIMPLE OPERATION
 - 6000 RPM





MISTRAL 1000

The Mistral 1000 centrifuge represents an economical and simpler to use alternative for the busy laboratory with a limited budget. The control panel has been simplified to encompass situations where non-technical staff may be required to use the centrifuge. All that is needed is to enter parameters of speed and time - nothing could be simpler.

The mainstay of the Mistral 1000 is the 4 x 100ml rotor with the appropriate 100ml trunnions and metal buckets. The 100ml metal buckets can be provided with optional sealing cap assemblies when centrifuging potentially hazardous samples. After use, the sealed buckets can be removed and opened in an appropriate safety cabinet thus eliminating risk to the operator.



A wide range of adaptors is available as detailed in the table below suiting most laboratory applications. All accessories for the Mistral 1000 can be autoclaved.

For those who require higher 'g' forces there is a choice of three high performance angle rotors including the 4 x 50ml with sealed aluminium buckets.

Although economical the Mistral 1000 still incorporates features found normally on more expensive models including digital microprocessor control allowing run reproducibility and automatic rotor identification preventing operation beyond any rotor's safety limit.

Safety features include a steel guard ring, burst proof lid and lid interlock preventing lid opening whilst the rotor is rotating. An imbalance detector aborts a run if activated, thereby ensuring the safety of the centrifuge and user.

MISTRAL 1000 SPECIFICATION

Max. tube size, ml	100
Max. capacity, ml	400
Max. speed, rpm	s/o. rotor 4500
	angle rotor 6000
Max. RCF	s/o. rotor, g 3554
	angle rotor, g 4750
Speed control range, rpm	200 - 6000
Speed control accuracy, rpm	±10
Speed display, rpm	±25
Time display range, mins	1 - 99
Timer accuracy, mins	0.1



ROTORS AND ACCESSORIES

For use with 4 x 100ml Rotor (43121-303) using 100ml trunnion ring (34134-611), 100ml bucket (34411-9120) and optional sealing cap assembly (43561-607), Max. Speed 4500 rpm.

CAT. NO.	ADAPTOR	COLOUR	CAPACITY	MAX. DIA	MAX. LENGTH	MAX. g
-	-	-	4	41mm	118mm	3554
43155-145	1 x 50ml	Red	4	29mm	120mm	3509
43155-146	1/2 x 15ml	Green	4/8	17mm	120mm	3554
43155-147	1 x 1oz	Yellow	4	30mm	118mm	3554
43155-148	2 x 16.5mm	Grey	8	16.5mm	110mm	3170
43155-156	4 x 13mm	Orange	16	13mm	115mm	3351
43155-149	5 x 12mm	Blue	20	12mm	115mm	3351
43155-154	1 x 50ml Falcon	Beige	4	29mm	120mm	3509
43155-155	1 x 15ml Falcon	Maroon	4	17mm	120mm	3554

Angle Rotors

(See price list for details of cushions and adaptors)

ROTOR	CAPACITY	BUCKET	ADAPTOR	MAX. SPEED	MAX. g
43117-608	6 x 50ml	43156-602	-	6000	4750
43117-607	12 x 15ml	43156-601	-	6000	4508
43117-609	4 x 50ml Sealed	43156-603 Sealed bucket	34142-110 50ml Falcon	6000	4185

Dimensions

Height	Width	Depth	Weight
335mm	405mm	502mm	34kg

Catalogue Numbers

240V 50-60Hz	MSB100.CE1.7
220V 50-60Hz	MSB100.CE1.4
110/120V 60Hz	MSB100.CE1.1

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