



MICROPROCESSOR CONTROLLED CENTRIFUGES

"Centromix BLT", "Mixtasel BLT", "Centronic BLT" and "Centrofriger BLT"

COMMON FEATURES

Robust all metal construction:

- External case made from DUR-Al alloy.
- Internal bowl and top plate all stainless steel
- Internal steel safety chamber within the case.



Rotor identification head (only models "Centronic BLT" and "Centrofriger BLT") when the centrifuge lid is closed the rotor communicates all the data of the functions of it. This prevents, before use, any risk of failure of using the wrong rotor in a program or exceeding the rotors running parameters. The advantage of this system is that we can add additional rotors to the range without changing the centrifuge model.

Electronic circuits, microprocessor digital control of all parameters and functions: speed, acceleration, brake, RCF, temperature, timer, 10 program storage, automatic rotor recognition and alarm system.

Induction drive maintenance free motor.

Low noise level 50-60 dBa.

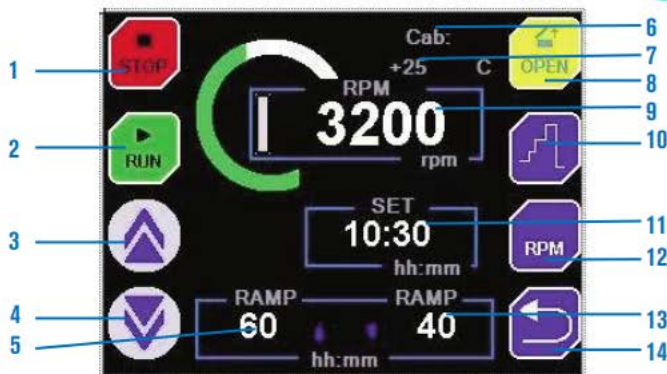
Rotors, buckets and adapters are identified with an inalterable engraved laser code.

Air circulation system, to limit any excessive rise in temperature within the centrifuge, all air circulated within the chamber is channelled out of the back and is not re-circulated, this means that the centrifuges internal temperature will remain low and constant.

Hermetically sealed compressor, mounted on anti-vibration mounts with re-circulating evaporator around the centrifuge chamber. (only applies to refrigerated centrifuges).

CONTROL PANEL

TFT Touch screen



1. Stop process key.
2. Start process key.
3. Increase value key.
4. Decrease value key.
5. Scheduled acceleration ramp.
6. Rotor model in use.
7. Reading the real time temperature. (refrigerated models only).
8. Door opening key.
9. RPM or RCF real-time reading.
10. Sequential operation.
11. Time set-up in process.
12. Key to change RPM / RCF.
13. Braking ramp programmed.
14. Return key.





Centrifuge "Mixtasel-BLT"

MAINTENANCE FREE INDUCTION DRIVE MOTOR.

Polyvalent with rotors and interchangeable adapters

Control panel features (see page 116).



External case of DUR-AL alloy with ABS plastic coated front AISI 304 stainless steel bowl.

MODEL

Part No.	Max. Volume ml	Max. Number of tubes	Height / Width / Depth (exterior) cm	Power W	Weight Kg
7002576	400	4 x 100 ml	34 41 54	210	22

ACCESSORIES

Swing out rotor with interchangeable sealed buckets and adapters, each with identification code. Autoclavable.



Part No. head	Rotor type	Bucket open	Sealed bucket	Part No. adapter	Total max. Volume (4 adapters)	Bucket/Adapter capacity	Ø x Length mm	Max. R.p.m.	Max. R.c.f. (xg)
	Swing out	7000731	7000732	7000734	200 ml	1 x 50 ml	34 x 100	4200	4137
	Swing out	7000731	7000732	7000735	200 ml	2 x 25 ml	24 x 100	4200	4137
	Swing out	7000731	7000732	7000736	420 ml	7 x 15 ml and VAC*	16.5 x 100	4200	4137
7009079	Swing out	7000731	7000732	7001647	240 ml	6 x 10 ml	17 x 110	4200	4137
	Swing out	7000731	7000732	7000737	336 ml	12 x 7 ml	12 x 100	4200	4137
	Swing out	7000731	7000732	7000738	240 ml	12 x 5 ml	12.5 x 75	4200	4137
	Swing out	7000731	7000732	7001648	140 ml	7 x 5 ml and VAC*	13 x 75	4200	4137
	Swing out	7000731	7000732	7000739	144 ml	12 x 3 ml	11 x 100	4200	4137
	Swing out	7000731	7000732	7000740	-	undrilled	-	4200	4137
7000612	Swing out	-	-	-	-	4 x 96 microtiter	-	4200	1719

*VAC: Blood tube with stopper.

** Bucket Part No. 7000731 accommodate 1 x 200 ml polypropylene bottle with cap without the need of an adapter.

Note: All buckets and adapters come without tubes unless stated, see page 132 for tubes and accessories.

ACCESSORIES

Interchangeable angle rotors with lids, made of hardened anodised aluminium. Rotors come with identification system. Autoclavable rotors and buckets.

Part No. head	Rotor type	Max. volume	Tube capacity	Ø x Length mm	Max. R.p.m.	Max. R.c.f. (xg)
7001705	Angle+lid	270 ml	18 x 15 ml	16.5 x 100	4200	1893
7001711	Angle+lid	400 ml	8 x 50 ml	34 x 100	4200	1921
7001342	Angle+lid	360 ml	24 x 15 ml	16,5 x 100	4200	1893

Note: All buckets and adapters come without tubes unless stated, see page 132 for tubes and accessories.



7001705

7001711

7001342

Swing out rotor, interchangeable buckets and adapters each with identification code. Autoclavable.

BUCKETS



Part No. Rotor	Rotor type	Part No. bucket	Sealed bucket	Part No. adapter	Total max. Volume (4 adapters)	Bucket/Adapter capacity	Ø x Length mm	Max. R.p.m.	Max. R.c.f. (xg)
	Swing out	7001700	-	-	400 ml	1 x 100 ml	44 x 104	4200	3030
	Swing out	7000793	-	-	200 ml	1 x 50 ml	34 x 100	4200	3030
	Swing out	7000794	-	-	100 ml	1 x 25 ml	24 x 100	4200	3030
	Swing out	7000795	-	-	240 ml	4 x 15 ml	16.5 x 100	4200	3030
	Swing out	7000796	-	-	140 ml	5 x 7 ml	12 x 100	4200	3030
	Swing out	7000797	-	-	100 ml	5 x 5 ml	12.5 x 75	4200	2441
	Swing out	7000930	-	-	240 ml	4 x 15 ml Falcon	16.5 x 120	4200	3030
	Swing out	7000931	-	-	200 ml	1 x 50 ml Falcon	30 x 117	4200	3030
	Swing out	7001073	-	-	16 VAC	4 VAC*	16 x 100	4200	3030
7001326	Swing out	7001074	-	-	16 VAC	4 VAC*	13 x 75	4200	2441
	Swing out	7000798	-	-	undrilled	-	-	4200	3030
	Swing out	-	7001315	100 ml glass tube**	400 ml	1 x 100 ml	44 x 104	4200	2901
	Swing out	-	7001315	7001316	200 ml	1 x 50 ml	34 x 100	4200	2901
	Swing out	-	7001315	7001317	100 ml	1 x 25 ml	24 x 100	4200	2901
	Swing out	-	7001315	7001318	240 ml	4 x 15 ml	16.5 x 100	4200	2901
	Swing out	-	7001315	7001319	140 ml	5 x 7 ml	12 x 100	4200	2901
	Swing out	-	7001315	7001320	100 ml	5 x 5 ml	12.5 x 75	4200	2901
	Swing out	-	7001315	7001321	64 ml	4 VAC*	13 x 75	4200	2901
	Swing out	-	7001315	7001322	undrilled	-	-	4200	2901

*VAC(r): Blood tube with cap (bung). **Sealed bucket Part No. 7001315 accommodates a 100 ml glass tube without the need of an adapter.

Note: All buckets and adapters come without tubes unless stated, see page 132 for tubes and accessories.

HEAD AND BUCKET REDUCERS

Reducers for head. Part No. 7001711:

7001707 For 1 tube 50 ml (29 Ø x 103 mm).

7001708 For 1 tube 25 ml (24 Ø x 100 mm).

7001709 For 1 tube 30 ml (25 Ø x 92 mm).

7001710 For 1 tube 15 ml (16,5 Ø x 100 mm).

7001780 For 1 tube 10 ml (16 Ø x 80 mm).

7001781 For 4 tubes 7 ml (12 Ø x 100 mm).

7001782 For 4 tubes 5 ml (12,5 Ø x 75 mm).

Reducers for bucket. Part No. 7001700:

7001779 for 1 tube 85 ml (38 Ø x 112 mm).