



# ESLT-53

## Benchtop Low Speed Centrifuge



LABORATORY



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Low speed benchtop automatic balance centrifuge, widely used in clinic, genetics, biology, cytology and other fields. A variety of rotors, buckets and adapters are available. The front panel and door cover are formed by one-time mold, Streamlined appearance, simple and elegant, in line with ergonomics. Equipped with multiple protection, safe and reliable.


- 7 inches high sensitivity (can be directly operated with gloves) The setting and running parameters can be displayed in real time.
- Directly input the setting value like speed, time, RCF, ACC and DEC profiles for fast and convenient operation. It is simpler, faster and more accurate than the traditional knob operation.
- Automatic door interlock let the door closed automatically with small and gently pressure.
- Program setting: multiple programs can be saved, It can support 5-steps centrifugation to meet the diversified experimental needs.
- Data records: The running records and diagnostic records can be checked directly on the screen.
- Featuring 11 acceleration profiles and 12 deceleration profiles to prevent second emulsion or turbid and achieve the best centrifugal effect (the time on 10th ACC and DEC profile can be customer-designed based on the experiment requirements).
- Automatic rotor identification for speed-limit control to ensure safety.
- Providing multiple self-diagnostic protection functions against door interlock malfunction, over-speed operation, motor overheating, misoperation and communication fault etc. to ensure the personal and instrument safety.
- Aerodynamic oval bucket can reduce resistance, noise and energy consumption.
- Various adaptors from 0.2ml to 250ml are available, it is an ideal choice for clinical testing and laboratory analysis.

### TECHNICAL SPECIFICATIONS


<b>MaxSpeed</b>	5300r/min
<b>MaxRCF</b>	4113xg
<b>Max Capacity</b>	4x250ml
<b>Speed Accuracy</b>	±20r/min
<b>Noise</b>	≤ 65dB(A)
<b>Time Setting Range</b>	1s - 99min59s or 1 min-99h59min
<b>Timing mode</b>	start timing after reach the set speed, Start timing when spinning, short spinning timing
<b>Short Spinning</b>	yes
<b>Rotor Identification</b>	yes
<b>Power Supply</b>	AC220V±22V 50/60Hz
<b>Power Consumption</b>	400W
<b>Dimension (WxDxH)</b>	436x560x380mm
<b>Packing Dimension (WxDxH)</b>	547x727x432mm
<b>Net Weight</b>	42kg

## OPTIONAL ACCESSORIES


**0301891232 Rotor N°1**

	Type	Angle rotor
	Max Capacity	30x15ml
	Max Speed	5300r/min
	Max RCF	4113xg
	Optional Adapters	10/5/2ml

**0301891233 Rotor N°2**

	Type	Angle rotor
	Max Capacity	40x15ml
	Max Speed	4200r/min
	Max RCF	2860xg
	Optional Adapters	10/5/2ml

**0302891094 Rotor N°5/6**

	Type	Swing Rotor
	Max Capacity	4x250ml
	Max Speed	4200r/min
	Max RCF	3450xg oval bucket 3412xg rect. bucket


**0303891081 Bucket for Rotor N°5/6**

Type	Oval
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**0303891082 Bucket for Rotor N°5/6**

Type	Rectangular
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**Adapters for bucket 0303891081**

	4x26x1.5ml <b>304891454</b>		4x10x5ml <b>0304891456</b>
	4x14x5/7ml <b>0304891459</b>		4x14x10ml <b>0304891461</b>
	4x9x15ml <b>0304891463</b> conical <b>0304891465</b> round		4x6x20ml <b>0304891467</b>
	4x4x50ml <b>0304891469</b> conical <b>0304891471</b> round		4x2x100ml <b>0304891473</b>
	4x1x250ml <b>0304891475</b>		

**Adapters for bucket 0303891082**

	4x16x1.5ml <b>0304891477</b>		4x17x5/7ml <b>0304891479</b>
	4x12x10ml <b>0304891481</b>		4x9x15ml <b>0304891483</b> conical
	4x4x50ml <b>0304891485</b> conical		4x1x100ml <b>0304891487</b>
	4x1x250ml <b>0304891489</b>		

**0302853800 Rotor N°4**

	Type	Microplate rotor
	Max Capacity	2x2x96
	Max Speed	4000r/min
	Max RCF	2200xg


**0303853810 Bucket for Rotor N°4**

Type	Microplate
Capacity	2x2x96 well

2x6 ELISA microplate	4x6x96	can be customized
2x2 Deep-well plate	4x2x96	
2x1 Filter plate reagent kit	4x1x96	

**0307853591 Rotor N°3**



Type	Swing Rotor
Max Capacity	4x200ml
Max Speed	4200r/min
Max RCF	3098xg



**0303853545 Bucket for Rotor N°3**

Type	Brackets
Capacity	4x2x100ml



**0303853560 Bucket for Rotor N°3**

Type	Brackets
Capacity	4x8x15ml

**Adapters for bucket 0303853545**

4x2x50ml 0304891064	4x2x15ml conical 0304891127
4x2x50ml conical 0304891126	4x6x5ml Vacuum tube 0304853510
4x2x30ml 0304891125	4x4x10ml 0304853511
4x2x20ml 0304853507	4x8 Cumulus tube 0304853512
4x2x1 5ml 0304891128	4x3x1,5ml 0304853533

**Adapters for bucket 0303853560**

10ml 0304853530	5ml 0304853532
7ml 0304853531	can be customized



**0303853540 Bucket for Rotor N°3**

Type	Brackets
Capacity	4x2x50ml

**Adapters for bucket 0303853540**

can be customized
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