

The Thermo Scientific Heraeus Labofuge 300 is a small medical centrifuge with swinging bucket rotor, ideal for centrifugation of blood collection tubes and medical laboratories or practices with low sample throughput.

Thermo Scientific Heraeus Labofuge 300

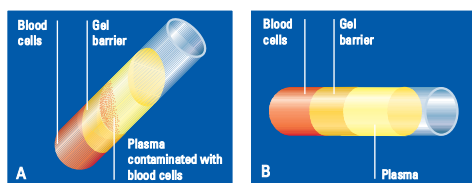
An economical and comprehensive small medical centrifuge with swinging bucket rotor

Benefits

- Economical small centrifuge with swinging bucket rotor
- Ideal centrifugation of blood collection tubes
- Complete system with 8-place swinging bucket rotor and buckets
- Outstanding quality and reliability with induction drive and microprocessor control



Swinging Bucket Rotor



Blood Collection Tubes with Gel Barrier

- Using fixed angle rotors with gel barrier blood collection tubes can result in plasma contamination.
- The swinging bucket rotor purifies plasma with no red blood cell contamination.



Ideal for Virus Testing

The Heraeus® Labofuge® 300 centrifuge is particularly suited to diagnostics and therapy of viral diseases (HIV, hepatitis).

In the field of virus testing, tubes with a gel barrier ("gel tubes") are commonly used. Immediately after a blood sample has been taken, these tubes must be spun.

Once centrifugation is complete, the blood plasma is separated from red blood cells by a layer of gel. This gel layer prevents mixing and resultant decomposition of viruses.

Unlike fixed angle rotors, which can lead to contamination within the gel tube, the Heraeus Labofuge 300 centrifuge's swinging bucket rotor ensures the gel barrier sticks to the tube wall with no traces of contamination in the plasma. The tubes can then be stored or transported to a laboratory for virus testing.

The Heraeus Labofuge 300 can also spin ordinary blood sample tubes and glass tubes.



Thermo Scientific Heraeus Labofuge 300 Centrifuge

Specifications	
Drive	Induction drive without carbon brushes
Control	Microprocessor control through Easycontrol I with variable pre-selection and display of speed and time, Quick-run
Max. speed	rpm 4000, adjustable in increments of 10
Min. speed	rpm 300
Max. RCF	x g 2028
Temperature range	°C –
Noise level at max. speed	dB < 60
Run time	min 0–99, cont. operation
Program memory	The most recent data remains in the memory
Construction	Galvanized steel chassis with armored chamber and plastic outer casing
Centrifuge protection	Lid lock and interlock
Dimensions (H x W x D)	mm (inch) 315 x 380 x 475 (12.4 x 15 x 18.7)
Weight	kg (lb) 30 (66)
Power consumption	W 180
Test standards	Manufactured and tested in accordance with EN 61 010-1, EN 61 010-2-020, EN 50 081-1, EN 50 082-1; UVV VBG 7z test is not required, CE, CSA (120V only)

Rotor Specifications	Swinging Bucket	35° Fixed Angle
Cat. No	76003265*†	75003760†
Max. speed	rpm 3600	4000
Max. RCF	x g 2028	1915
Max. capacity	mL 8 x 15	12 x 15
Braking/accel. curves	sec 28/29	30/32
Min./max. radius	mm (inch) 57/140 (2.2/5.5)	51/107 (2.0/4.2)

* Included with Labofuge 300 † Complete with all adapters necessary

Accessories	Max. tube size diam. x length mm (inch)	Tubes per rotor	Color buckets	Cat No.
Accessories 76003265:				
15 mL bucket	16.5 (0.7) x 113 (4.5)	8	red	76003262
7 mL bucket	13 (0.5) x 113 (4.5)	8	yellow	76003263
5 mL pad	NA x 90 (3.5)	–	–	76003266
Accessories 75003760:				
5 mL adapter	13 (0.5) x 75 (2.95)	12	tan	76003226
7 mL adapter	13 (0.5) x 113 (4.5)	12	yellow	76003225
10 mL pad	16.5 (0.7) x 117 (4.6)	6	–	75003762
Protective sleeves for glass	16 (0.6) x 100 (3.9)	12	–	75003763

Ordering Information	Cat. No.
Description	
Heraeus Labofuge 300 with 8 x 15 mL swinging bucket rotor	75003231
8 buckets each for 7 mL and 15 mL and distance pads, 120V / 60Hz	
Heraeus Labofuge 300 with 8 x 15 mL swinging bucket rotor	75003230
8 buckets each for 7 mL and 15 mL and distance pads, 230V / 50-60Hz	

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