



ESCN-0636

Multipurpose low speed centrifuge



LABORATORY



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Multipurpose low speed centrifuge ideal for centrifugation of cytology, clinical chemistry, research and industrial laboratory samples.

Supplied without rotor.

Wide choice of rotors: 4 fixed angle, 1 swing type and 1 oscillating for microplates.

The variety of parameters that can be set make it a versatile instrument for every use.

- Adjustable speed from 300rpm to 6000rpm
- Maximum centrifugation capacity 100mLx4
- 9 acceleration methods and 10 deceleration methods settable to have optimal results
- Intuitive high-contrast LCD display
- Wide choice of accessories
- Automatic recognition of the rotor
- Possibility of memorizing up to 9 procedures
- PULSE key for fast centrifugation
- No rotor maintenance



TECHNICAL SPECIFICATIONS

Max speed	300-6000rpm increase 10rpm
Max RCF	4300xg
Type rotor	6 models
Maximum capacity	100ml x 4
Centrifugation time	30sec/99min or continuous HOLD function
Engine type	DC motor with servo motor
Security systems	Double door lock - excess speed - self-diagnosis - detection - automatic rotor - protection against overheating
Display	LCD
Acceleration/braking	9 steps in acceleration - 10 steps in braking
Power supply	100~240V, 50/60Hz, 3A 70W
Dimension	445x579x269(h)mm
Weight	36Kg

OPTIONAL ROTORS

	DA30-15	
	Full speed	4500rpm
	Max RCF	3210xg
	Fixed rotor	15mLx30 3-7mLx30 (with optional adapter D19400081)
	Material	Aluminum body and steel tube holder
	Adapters	Not supplied
	Optional	D19400081 - Reducer for 3-7mL tubes (13x100mm) and (13x75mm)
	DAS18-5V	
	Full speed	6000rpm
	Max RCF	4020xg
	Fixed rotor	5mLx18
	Material	Aluminum body
	Bio safe	Yes
	DA8-50	
	Full speed	5000rpm
	Max RCF	3960xg
	Fixed rotor	50mLx8 - 15mLx16
	Material	Aluminum body and steel tube holder
	DAS6-50V	
	Full speed	6000rpm
	Max RCF	4020xg
	Fixed rotor	50mLx6 - 15mLx6
	Material	Alluminium body
	Bio safe	Yes
	DS2-MP	
	Full speed	6000rpm
	Max RCF	2200xg
	Oscillating rotor	384PCR - 96PCR/Elisa x 8pcs stackable up to 4pcs per side
	Material	Alluminium body
	DS4-100	
	Full speed	4000rpm
	Max RCF	2950xg
	Oscillating rotor	Crociera
	Material	Stainless steel body



ACCESSORIES FOR DS4-100

												
	19400045		19400044		19400043		19400042					
Test tube rack	x 4	x 4	x 4	x 4	x 4	x 4	x 4	x 4	x 4	x 4	x 4	
Test tube holder	x 36	x 36	x 16	x 16	x 16	x 8	x 4	x 8	x 4	x 8	x 20	
Value nominal	3-7mL	3-7mL	10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL 3-7mL	3-7mL	
ØxL mm	13x75	13x100	15x100	17x105	17x120	29.5x100	38x108	38x104	29.5x100	17x120 13x100 13x75	13x100 13x75	
test tubes												
Adapters		/										
Capacity	36	36	16	16	16	8	4	4	4	8	20	
Radius (mm)	14	16.5	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.1	14.7	
Max RCF	2500	2950	2840	2840	2840	2840	2840	2840	2840	2700	2630	



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