

Centrifuge Catalogue 2016

COLO LABORATORY EXPERTS SLOVENIA



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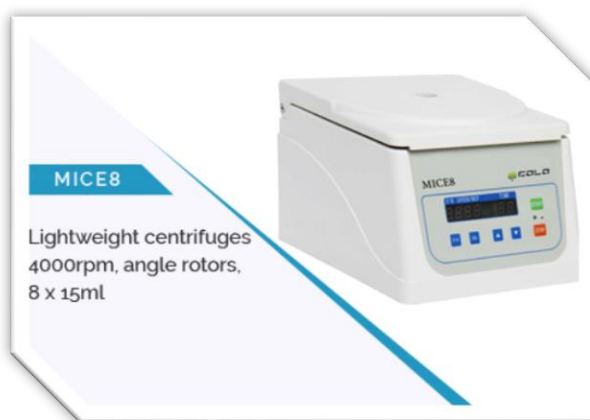
INTRODUCTION

COLO Laboratory Experts Slovenia has an offer of premium centrifuges at very affordable prices. With a wide variety of products in offer, we make sure that all of your needs for research or industrial laboratory can be met.

GENERAL OVERVIEW

Centrifuge Type:	Micro:	Clinical:	High-Speed:	Low-Speed:	Refrigerated:
MICE8		X		X	
LACE24		X		X	
LACE32		X		X	
LACE5BX				X	
LACE16ER			X		X
LACE16R			X		X
LACE5A				X	
LACE16			X		
LACE16W	X		X		
LACE5R				X	X
LACE5AR		X		X	X
LACE20R			X	X	
LACE12R			X		X
LACE5MR				X	X
LACE6R				X	X
LACE7MR				X	X
LACE6MBR				X	X

MICE8 MINI TABLE TOP CENTRIFUGE



Description

The laboratory centrifuge MICE8 with an eight-place fixed rotor is an economical solution for lighter laboratory work. Small size and weight allow for easy transport from one place to another.

Technical Specifications

Overview:	
Maximum speed:	4000 rounds per minute
Capacity:	8 x 15 milliliters
Rotor type:	Fixed
Type of motor:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor housing, metal centrifuge body
Timer:	0 – 99 minutes
Speed measurement:	RPM and RCF
Weight:	7 kilograms
Power supply:	220V AC
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
35702	Angle Rotor	12x7/5	4000 RPM / 1600xg
32666	Angle Rotor	8x10-15	4000 RPM / 1800xg

LACE24 TABLE TOP CENTRIFUGE



Description

The LACE24 centrifuge is largely used for qualitative measuring of blood, plasma, serum, and other fluids. The centrifuge is characterized by high torque, high quality build, simple interface, low maintenance, low vibrations, and programmable software – which makes them suitable for all kinds of working environments.

Technical Specifications

Overview:	
Maximum speed:	4000 rounds per minute
Capacity:	24 x 10 milliliters
Rotor type:	Fixed rotor
Type of motor:	Brushless
Safety measure:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor housing and metal centrifuge body
Timer:	0 – 99 minutes
Speed measurement:	RPM and RCF
Weight:	23 kilograms
Power supply:	220V AC
Noise:	<45 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
31602	Angle Rotor	12x15	4000 RPM / 2150xg
31604		18x10	4000 RPM / 2250xg
31607		24x10	4000 RPM / 2200xg
31605		30x7/5	4000 RPM / 2250xg
31606		4x15/10	4000 RPM / 2390xg

LACE32 TABLE TOP CENTRIFUGE



Description

Laboratory centrifuge LACE32 with angle-tilt rotor of 32 seats is a standard medical and scientific laboratory centrifuge. With speed of 4000 rounds per minute and 2880xg of centrifugal force, as well as versatile selection of rotors and adapters will make your work in laboratory easier and more efficient.

Technical Specifications

Overview	
Maximum Speed:	4000 rounds per minute
Capacity:	32 x 10 milliliters
Rotor type:	Swing out rotor
Type of motor:	Brushless
Safety feature:	Lid lock safety
Programmable settings:	Acceleration and deceleration settings
Build:	Steel motor casing and metal centrifuge body
Timer:	0 – 99 minutes
Speed measurement:	RPM and RCF
Weight:	30 kilograms
Power supply:	220V AC
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30569	Swing-out Rotor	4x250	4000 RPM / 2880xg
31277		32x10	4000 RPM / 2880xg
31377		48x7/5	4000 RPM / 2760 / 2480xg
30641	Angle Rotor	12x50	5000 RPM / 3860xg
30614		6x100	5000 RPM / 3130xg
30642		12x100	4000 RPM / 2970xg
30639		24x15	5000 RPM / 3500xg
31376	Micro Titration Plate	2x3 plates of 48/96 Well	4000 RPM / 2300xg

LACE5BX LARGE CAPACITY CENTRIFUGE



Description

The COLO laboratory centrifuge LACE5BX and the choice of both angle and swing out rotors is a powerful companion in your laboratory. This multi-function bench top centrifuge is particularly suitable for users who need rotor versatility for different types of test tubes, containers, and micro-plates.

Technical Specifications

Overview	
Maximum speed:	5000 rounds per minute
Angle rotor maximum capacity:	12 x 100 milliliters
Swing out rotor maximum capacity:	4 x 800 milliliters
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor housing and metal centrifuge body
Timer:	0 – 99 minutes
Speed measurement:	RCF and RPM
Weight:	35 kilograms
Power supply:	220V AC
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
35702	Angle Rotor	12x7/5	4000 RPM / 1720 / 1600xg
32666		8x10-15	4000 RPM / 1800xg

LACE16ER REFRIGERATED MICRO CENTRIFUGE



Description

High speed, and refrigerated table-top laboratory centrifuge LACE16ER with different type of angle rotors is a standard scientific laboratory centrifuge which is primarily used in the field of molecular biology. With speed of 16000 rounds per minute and with 19040xg of centrifugal force, and wielding versatile selection of rotors and adapters will make your work in laboratory easier and more efficient.

Fast and powerful cooling system will make sure that all your samples remain at the right temperature throughout your work process.

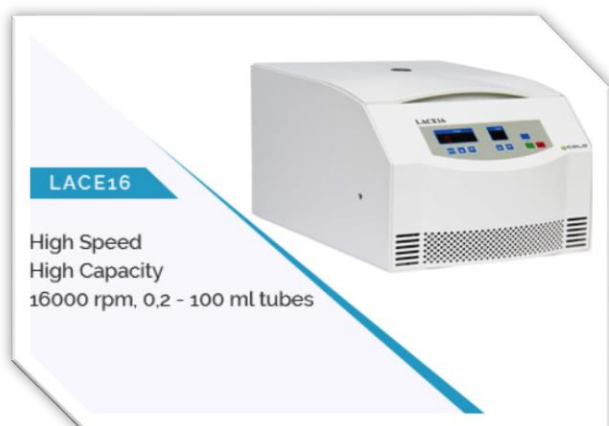
Technical Specifications

Overview	
Maximum speed:	16000 rounds per minute
Maximum capacity:	10 x 5 milliliters
Type of rotor	Angle rotor
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	0 – 99 minutes
Temperature range:	-20°C to -40°C
Speed measurement:	RCF and RPM
Weight:	43 kilograms
Power supply:	220V AC
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30401	Angle Rotor	12x1.5/2	16000 RPM / 16260xg
31004		10x5	16000 RPM / 17800xg
30416		30x0.5	15000 RPM / 18510xg
30402		40x0.5	14000 RPM / 19970xg
30403		24x1.5/2	15000 RPM / 20600xg

LACE16R HIGH SPEED REFRIGERATED CENTRIFUGE



Description

High speed, compact, table-top refrigerated laboratory centrifuge LACE16R with multitude of angle rotors is a standard scientific instrument used in molecular biology. With speeds up to 16000 rounds per minute and with 20600xg of centrifugal force, as well as choice of 17 rotors and adapters, it makes work in laboratory more efficient. Fast and powerful cooling system will make sure that all your samples remain at the right temperature throughout your work process.

Technical Specifications

Overview	
Maximum speed:	16000 rounds per minute
Maximum capacity:	6 x 100 milliliters
Motor type:	Brushless
Type of rotor:	Angle rotor
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	0 – 99 minutes
Temperature range:	-20°C to -40°C
Speed measurement:	RPM and RCF
Weight:	82 kilograms
Power supply:	220V AC
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30401	Angle Rotor	12x1.5/2	16000 RPM / 16260xg
30416		30x0.5	15000 RPM / 18510xg
30402		40x0.5	14000 RPM / 19970xg
30403		24x1.5/2	15000 RPM / 20600xg
30404		30x1.5/2	13500 RPM / 19340xg
30444	Angle Rotor	48x1.5/2	11000 RPM / 12840xg
30405		16x5	15000 RPM / 19350xg
30406		12x7	14000 RPM / 16370xg
30408		12x10	13000 RPM / 14510xg
30405		12x15	10000 RPM / 11840xg
30409	Angle Rotor	12x20	12000 RPM / 14000xg
30410		6x30	12000 RPM / 14000xg
30411		6x50	11000 RPM / 13480xg
30412		6x70	12000 RPM / 10810xg
30413		4x100	12000 RPM / 14850xg
30414		6x100	8000 RPM / 7280xg

LACE5A TABLE TOP CENTRIFUGE



Description

Laboratory centrifuge LACE5A with angle tilt rotor of 32 seats is a standard medical and scientific laboratory centrifuge. With speed of 4000 rounds per minute and with 2880xg of centrifugal force, and with versatile selection of rotors and adapters will make your work in laboratory easier and more efficient.

Technical Specifications

Overview:	
Maximum speed:	Swing out rotor #1 5000 RPM / 4730xg Swing out rotor #2 RPM / 3860xg
Capacity:	Angle rotor #1 12 x 100 milliliters Angle rotor #2 4 x 300 milliliters
Motor type:	Brushless
Programmable settings:	Acceleration and deceleration adjustment
Safety feature:	Lid lock
Build:	Steel motor casing and metal centrifuge body
Timer:	0 to 99 minutes
Speed measurement:	RPM and RCF
Weight:	30 kilograms
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30569	Swing-out Rotor	4x250	4000 RPM / 2880xg
31277		32x10	4000 RPM / 2880xg
31377		48x7/5	4000 RPM / 2760 / 2480xg
30641	Angle Rotor	12x50	5000 RPM / 3860xg
30614		6x100	5000 RPM / 3130xg
30642		12x100	4000 RPM / 2970xg
30639		24x15	5000 RPM / 3500xg
31376	Micro Titration Plate	2x3 Plate of 48/96 Wells	4000 RPM / 2300xg

LACE16 HIGH SPEED CENTRIFUGE



Description

LACE16 is widely used in the field of animal and molecular biology. The centrifuge is ideal for separating chemical substances in the cell and purifying microorganisms.

Technical Specifications

Overview:	
Maximum speed:	16000 rounds per minute
Capacity:	Swing out rotor 6 x 15 milliliters
	Angle rotor 6 x 100 milliliters
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	99 hours and 59 minutes
Speed measurement:	RCF and RPM
Weight:	42 kilograms
Power supply:	220V
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30401	Angle Rotor	12x1.5/2	16000 RPM / 16260xg
30416		30x0.5	15000 RPM / 18510xg
30402		40x0.5	14000 RPM / 19970xg
30403		24x1.5/2	15000 RPM / 20600xg
30404		30x1.5/2	13500 RPM / 19340xg
30444		48x1.5	11000 RPM / 12840xg
30405		16x5	15000 RPM / 19350xg
30406		12x7	14000 RPM / 16370xg
30408		12x10	13000 RPM / 14510xg
30407		12x15	10000 RPM / 11840xg
30409		12x20	12000 RPM / 14510xg
30410		6x30	12000 RPM / 14000xg
30411		6x50	11000 RPM / 13480xg
30412		6x70	12000 RPM / 10810xg
30413		4x100	12000 RPM / 14850xg
30414		6x100	8000 RPM / 7820xg

LACE16W MICRO CENTRIFUGE



Description

Laboratory micro centrifuge for 0.2ml and 5ml cuvettes and with a maximum speed of 16000 rounds per minute. LACE16W centrifuge is ideal for routine work, as well as for scientific experiments, with particular applicability in pharmacy, environmental protection, and clinical sample analysis.

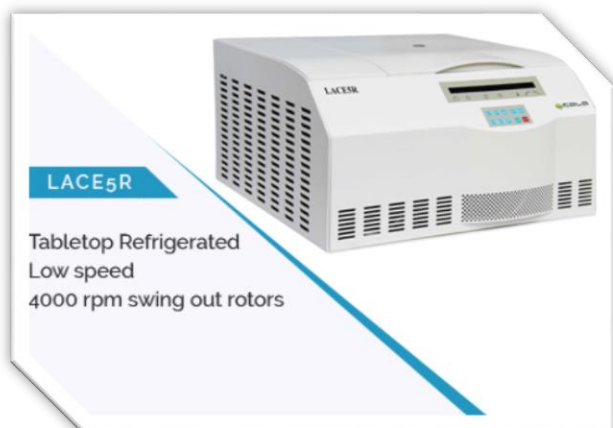
Technical Specifications

Overview:	
Maximum speed:	16000 rounds per minute / 19040xg
Rotor type:	Fixed rotor
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	0 – 99 minutes
Speed measurement:	RPM and RCF
Weight:	13 kilograms
Power supply:	220V AC
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
31003	Angle Rotor	12x1.5/2	16000 RPM / 16260xg
31002		40x0.2	16000 RPM / 19040xg
31002		24x0.5	16000 RPM / 18480xg
31004		10x5	16000 RPM / 17880xg

LACE5R REFRIGERATED LOW SPEED CENTRIFUGE



Description

Our clinical centrifuge is ideal for the separation of serum, plasma, urine, blood samples, and other routine applications in hospitals and research laboratories.

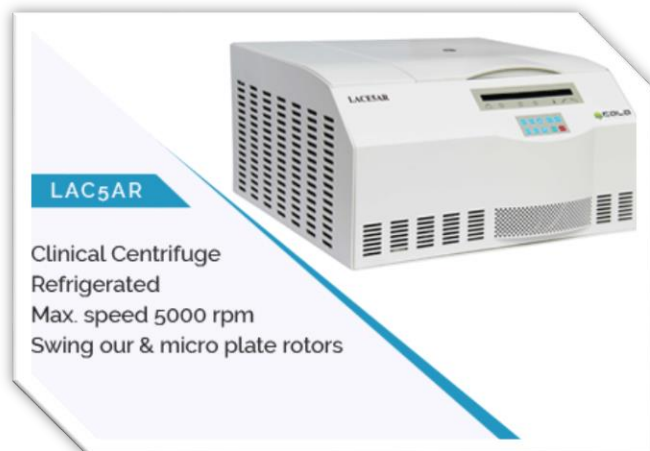
Technical Specifications

Overview:	
Maximum speed:	4000 rounds per minute
Capacity:	4 x 250 milliliters
Rotor type:	Swing out rotor
Motor type:	Brushless motor
Safety feature:	Lid lock safety
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	99 hours and 59 minutes
Speed measurements:	RCF and RPM
Weight:	120 kilograms
Power supply:	220V AC
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30569	Swing-out Rotor	4x250	4000 RPM / 2880xg
32686		8x15	4000 RPM / 2680xg
31277A		4x50	5000 RPM / 4420xg
31277B		4x100	5000 RPM / 4420xg
31277C		8x50	4000 RPM / 2950xg
31277D		16x15	4000 RPM / 2950xg
31277E		24x15	4000 RPM / 2950xg
31377		32x10	4000 RPM / 2880xg
30641	Angle Rotor	12x50	5000 RPM / 3860xg
30614		6x100 / 4x100 / 12x100	5000 RPM / 3130xg

LACE5AR CLINICAL CENTRIFUGE



Description

Our clinical centrifuge is ideal for the separation of serum, plasma, urine, blood samples, and other routine applications in hospitals and research laboratories.

Technical Specifications

Overview:	
Maximum speed:	Swing out rotor 5000 rounds per minute / 4730xg Angle rotor 5000 rounds per minute / 3860xg
Capacity:	Swing out rotor 4 x 300 milliliters Angle rotor 12 x 100 milliliters
Motor type:	Brushless
Safety feature:	Lid lock safety
Programmable features:	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge build
Weight:	135 kilograms
Speed measurements:	RPM and RCF
Noise:	<55 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
31392	Swing-out Rotor	4x300	4000 RPM / 2920xg
31377A		32x15	4000 RPM / 3200xg
31377B		48x10	4000 RPM / 2880xg
30690		4x18	4000 RPM / 3140xg
30589		8x22	4000 RPM / 3140 / 2840xg
30491	Angle Rotor	2x4x96 Wells	4000 RPM / 2490xg
30641		12x15 / 24x50	5000 RPM / 3860xg
30614		6x100 / 4x100 / 12x100	5000 RPM / 31300xg

LACE20R UNIVERSAL CENTRIFUGE



Description

Widely used in the area of animal and plant molecular biology, cell biology, as well as with clinical applications.

Technical Specifications

Overview	
Maximum speed:	Swing out rotor: 4000 rounds per minute
	Angle rotor: 21000 rounds per minute
Capacity:	Swing out rotor: 4 x 800 milliliters
	Angle rotor: 12 x 100 milliliters
Motor type:	Brushless
Safety feature:	Lid lock
Programmable settings	Acceleration and deceleration adjustment
Build:	Steel motor casing and metal centrifuge body
Timer:	99 hours and 59 minutes
Speed measurement:	RPM and RCF
Weight:	215 kilograms
Power supply:	220V AC
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30808	Angle Rotor	12x10	5000 RPM / 22680xg
30811		6x50	12000 RPM / 16050xg
30812		6x70	12000 RPM / 15570xg
30671	Swing-out Rotor	4x800	4000 RPM / 3450xg
30816		30x0.5	18000 RPM / 26640xg
30802		4x0.5	13500 RPM / 19340xg
30801		12x1.5/2	13000 RPM / 17930xg
30803		24x1.5	5000 RPM / 31300xg
30804		30x1.5/2	16000 RPM / 22020xg
30844		48x1.5/2	16000 RPM / 21380xg
30805		16x5	16000 RPM / 21500xg
30806		12x7	10000 RPM / 11840xg
30815		6x10	5000 RPM / 3500xg
30807		15x15	5000 RPM / 3500xg
30639		24x15	15000 RPM / 22680xg
30627		30x15	14000 RPM / 19060xg
30809		8x20	5000 RPM / 3860xg
30810		6x30	5000 RPM / 4640xg
30641		12x50	4000 RPM / 2920xg
30642		24x50	4000 RPM / 2920xg
30813		4x100	15000 RPM / 23210xg
30814		6x100	10000 RPM / 11380xg
30643		12x100	5000 RPM / 4640xg

LACE12R HIGH SPEED REFRIGERATED CENTRIFUGE



Description

LACE12R hematocrit centrifuge is widely used for disease control, and it is rather popular in the field of veterinary sciences.

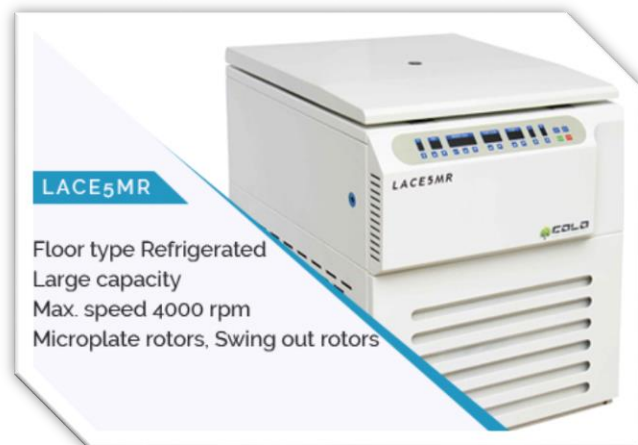
Technical Specifications

Overview:	
Maximum speed:	Swing out rotor 4000 rounds per minute
	Angle rotor 12000 rounds per minute
Capacity:	Swing out rotor 4 x 1000 milliliters
	Angle rotor 4 x 1000 milliliters
Motor type:	Brushless motor
Safety feature:	Lid lock safety
Programmable features:	Acceleration and deceleration adjustment
Timer:	99 hours, 59 minutes
Speed measurement:	RPM and RCF
Weight:	210 kilograms
Power supply:	220V 60Hz
Noise: <55 decibels	

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
33097	Angle Rotor	4x1000	4000 RPM / 4060xg
30122		6x300	12000 RPM / 22650xg
30123		6x500	8000 RPM / 11740xg

LACE5MR REFRIGERATED CENTRIFUGE



Description

Laboratory centrifuge of high capacity, with speed of 5000 rounds per minute. LACE5MR centrifuge is well suited for both routine and scientific work, but especially in the areas of pharmacy, environmental protection, and clinical sample processing.

Technical Specifications

Overview	
Maximum speed:	5000 rounds per minute
Rotor type:	Swing-out rotor
Motor type:	Brushless motor
Temperature magnitude:	-20°C to -40°C
Security feature:	Lid lock and disbalance protection
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor housing and metal centrifuge body
Timer:	99h:59min
Speed measurement:	RPM and RCF
Weight:	175 kilograms
Power supply:	220V AC
Noise:	<59 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30671	Swing-out Rotor Bucket	4x800	4000 RPM / 3450xg
31377A		32x15	4000 RPM / 3200xg
31377B		48x10	4000 RPM / 2880xg
30690		72x10 (4x18 epruvete)	4000 RPM / 3140xg
30589		88x7/5 (4x22 epruvete)	3140 RPM / 2840xg
31494	Micro plate	4x4 microplate x 96	4000 RPM / 2840xg
30641	Angle Rotor	12x50	5000 RPM / 3860xg
30614		6x100	5000 RPM / 3130xg

LACE6R REFRIGERATED CENTRIFUGE



Description

Laboratory centrifuge with high capacity and refrigeration, with speeds up to 6,000 rounds per minute. COLO Centrifuge LACE6R is best suited for both routine scientific work, with special focus on pharmaceutical industry, environmental protection agencies, and clinical sample processing.

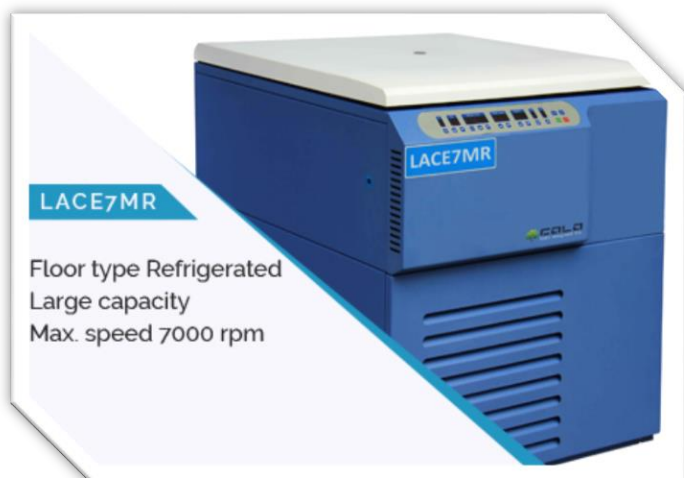
Technical Specifications

Overview:	
Maximum speed:	6000 rounds per minute / 6600xg
Rotor type:	Swing out rotor
Motor type:	Brushless
Temperature range:	-20 to -40 degrees Celsius
Safety feature:	Lid lock and disbalance protection
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor housing and metal centrifuge body
Timer:	99 hours, 59 minutes
Speed measurement:	RPM and RCF
Weight:	230 kilograms
Power supply:	220V AC
Noise:	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
33097	Swing-out Rotor	4x1000	4000 RPM / 4060xg
30221		4x300	6000 RPM / 5390xg
30222	Angle Rotor	6x300	6000 RPM / 5660xg
30223		6x500	6000 RPM / 6600xg

LACE7MR REFRIGERATED CENTRIFUGE



Description

Laboratory centrifuge of high capacity, with maximum speed of 7000 rounds per minute. LACE7MR centrifuge is best suited for scientific work, but also in medical pharmacy, environment protection, and clinical sample analysis.

Technical Specifications

Overview:	
Maximum speed:	7000 rounds per minute / 11900xg
Rotor type:	Swing out rotor
Motor type:	Brushless
Temperature range:	-20 to -40 Celsius
Safety measure:	Lid lock and disbalance protection
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel rotor casing, overall metal body
Timer:	99 hours, 59 minutes
Speed measurement:	RPM and RCF
Weight:	650 kilograms
Noise:	<65 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30399	Angle Rotor	6x2400	4200 RPM / 5600xg

LACE6MBR REFRIGERATED CENTRIFUGE



Description

Laboratory centrifuge with high capacity and refrigeration, with speeds up to 6,000 rounds per minute. COLO centrifuge LACE6MBR is best suited for both routine and scientific work, with special focus in pharmacy, environmental protection, and clinical sample processing.

Technical Specifications

Overview:	
Maximum speed:	6000 rounds per minute
Rotor type:	Swing out rotor
Motor type:	Brushless
Temperature range:	-20 to -40 degrees Celsius
Safety features:	Lid lock and disbalance protection
Programmable settings:	Acceleration and deceleration adjustment
Build:	Steel motor casing, metal centrifuge body
Timer:	0 to 99 minutes
Speed measurement:	RPM and RCF
Weight:	260 kilograms
Power supply:	220V AC
Noise level	<58 decibels

Available Rotors

Rotor:	Type:	Capacity (in milliliters):	Maximum Speed/xg:
30298	Swing-out Rotor	6x1000	4200 RPM / 5100xg
30221	Angle Rotor	4x300	6000 RPM / 5390xg
30222		6x300	6000 RPM / 5660xg
30223		6x500	6000 RPM / 6600xg

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