

LACEHS Laboratory High Speed Refrigerated Centrifuge



LCD Display



Refrigerated
-20°C to 40°C

Download
Catalogue



Price - €

Item Name	LACEHS
Set of standard rotors included	PRO4708 - 24x1,5/2ml /18000rpm/30717rcf
Max. Speed rpm	18000rpm/31920xg
Power	1500W
Display	LCD touch screen
Ambient temperature	0-40°C
Temperature control range	-20°C to 40°C (1°C increments)
Cooling time (from room to set temperature)	≤9min
Noise	≤50dB (A)
Timer	1sec-99min59sec (1min increments) /continuous/short spin button
Electric safety lid lock	Mechatronic motor door lock
RPM/RCF conversion	Yes
Chamber temperature display	Yes
Programing option	100 programs can be memorized (more according customer request)
Acceleration/Deceleration	Programming ramp of acceleration and deceleration (1000 ramp)
Parameter settings	
Microbiological paint coating protection	Yes
End process sound alarm	Yes
Power supply	AC 220V/50Hz
Dimension	280x270x650
Weight kg NV/GW	49/55



18000rpm/31920xg

Maximum speed and rcf meet all demand for research grade centrifuge



Angle Rotor 24x1,5/2ml (Biocontainment lids AXLOCK technology) Optional PRO4710

Combined with adapter this type of rotor can work with all type of centrifuges from 0,2ml to 50 ml,



LCD Full Color Touch Screen

Capacitive touch screen 4.3"
Speed/RCF, Time, Parameters can be set during the centrifuge work...
Microprocessor control set points



Chamber Temp. Measurement

To prevent overheating of samples temperature in chamber is measured and displayed on tft screen



Lead Lock

Simple Lead Lock with one button motorized



Silent Operation

Well-balanced motor minimized vibration, which leads to the most silent operation



Pre Cooling

Pre-cooling before use available
Refrigeration performance maintained continuously during operation

- Max. Speed: 18000rpm/31920xgMax.
- Capacity: 6x50ml (conical)
- Microprocessor settings and control parameters: speed temperature time programs..
- Programs: 100 programing and memorize
- User-friendly 4.3" full color touch screen LCD
- Rotor ID: Automatic recognition
- Timer count: from start/from setup rpm
- Temperature setting range -20C to 40C/(1°C increment)
- Refrigeration & Fast Cooling: Pre-cooling before use available
- Drainage: Excessive condensation can be treated by drainage at the bottom of chamber
- Ideal Security: Unauthorized access is prohibited through password
- Fast acceleration/deceleration time with programing ramps (1000 ramp)
- Pre cool option to adjust chamber temperature to the settings value
- Motorized automatic lid lock system,
- Timer: 1sec-99 min 59 sec
- Conversion of RPM and RCF
- Over-speed protection
- Rotors can be removed with the lid closed
- Hermetic lids
- Power Supply: 220V AC
- Display shows rotation speed, time, rotor number, RCF...
- Noise: <50dBA

LACEHS Rotors				
Rotor NO	Type	Max Speed/RCF	Max. Volume	Test tubes
PRO4712	Fixed Angle rotor	11000rpm/11296rcf	48x0,2ml	Test tube/0,2ml strips
PRO4708	Fixed Angle rotor	18000rpm/30717rcf	24x1,5.2ml	0,2/0,5/1,5/2
PRO4710	Fixed Angle rotor – Certified Dynamic Microbiological test	18000rpm/30717rcf	24x1,5/2ml	0.2/0.5/1,5/2ml
PRO4713	Fixed Angle rotor	14000rpm/20773rcf	30x1,5/2ml	0.2/0.5/1,5/2m
PRO4714	Fixed Angle rotor	14000rpm/20357rcf	12x5ml	5ml
PRO4715	Fixed Angle rotor	13000rpm/17912rcf	48/1.5/2ml	0.2/0.5/1,5/2ml
PRO4716	Fixed Angle rotor	8000rpm/7191rcf	6x50ml	50ml conical tube
PRO4717	Swing Out Rotor	13000rpm/16343rcf	24x1.5/2ml	0.2/0.5/1,5/2ml
PRO4718	Swing Out Rotor Microtiter Plate or Deep Well Plate	5000rpm/2665rcf	4xMTP or 2xDWP	MPP/DWP

Please note

If this Centrifuge does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

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