

Centrifuge Catalog

SIRENA
0.6L

LISA
1.6L to 2.5L

LOREENA
1.6L to 4L

AFI Groups

GAMME AFI Groups



SIRENA
Centrifuge MultiLab

0.6 L



LISA
Centrifuge MultiLab

1.6 L to 2.5 L



LOREENA
Centrifuge MultiLab

1.6 L to 4 L



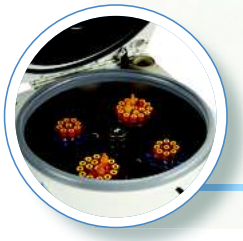
KATRINA
Blood Banking Centrifuge

4 L to 6 L

REGINA
Blood Banking Centrifuge

12 L





Rotor Recognition
Safely run your centrifuge knowing a rotor can not achieve speeds over its intended use.



Touchscreen Controls
Touch makes everyone an expert. The ease of use improves user adoption. Increase the speed of your tasks. Help eliminate errors eliminate errors with clearly defined menus



Power Factor Control
The centrifuge runs constant and uniform voltage and amperage supplied to the motor; allowing 100% repeatability in the quality of the centrifugation. This feature brings you constant quality and high reliability in the results.



End of Run Notification
In addition to an audible alarm, the InSight Control Center features an end of cycle light that illuminates when centrifugation ceases operations providing a visual indication it is safe to remove your work.

AFI Groups

Smaller in Size, but BIG on Capacity

The AFI range centrifuges offers the largest capacity available relative to its footprint.

Designed around you and your applications, the MultiLab AFI centrifuge range with amazing footprint. Help to save you more bench space while improving safety.

Our rotors are designed to reach high speed performances and low noise level. This construction technique allows AFI to focus on adding more capacity with more speed.

Capacities to Maximize your Work-flow.

The CLICKSPIN System provides the Best Flexibility System to change Applications.



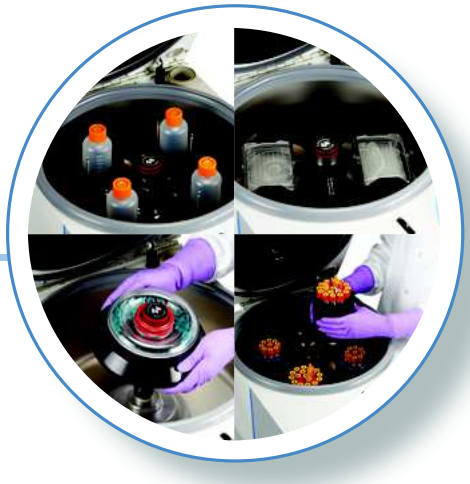
CLICK SPIN

Click-Spin patented technology will allow you to exchange rotors in the simplest and fastest way possible; no tools are needed! Align, the rotor with the motor shaft and it, will sit and lock itself. Once installed, an audible "CLICK" will ensure you the rotor is correctly seated.

When switching rotors per application, grasp the red dial of the rotor and twist counter-clockwise while anchoring the body of the rotor. An audible "CLICK" will sound, and your rotor will then be unlocked from the motor shaft. You can now quickly remove it and install your new rotor.

Click-Spin technology is Available on AFI MultiApps centrifuges only.





New Bio-Lid Design

The unique design of our lids allows you to open and close the buckets with a single hand, and they can also be installed and removed directly in the bowl.

Routine Cleaning Made Easy

Contamination can hide in the tightest of places. The ability to remove a rotor within seconds makes the routine cleaning of the centrifuge bowl easy.

Application Flexibility

The simple action of a twist allows the rotor to be removed within seconds. Start a new application by placing a new rotor over the shaft. An audible "CLICK" notifies a user the rotor has been securely locked.

Security

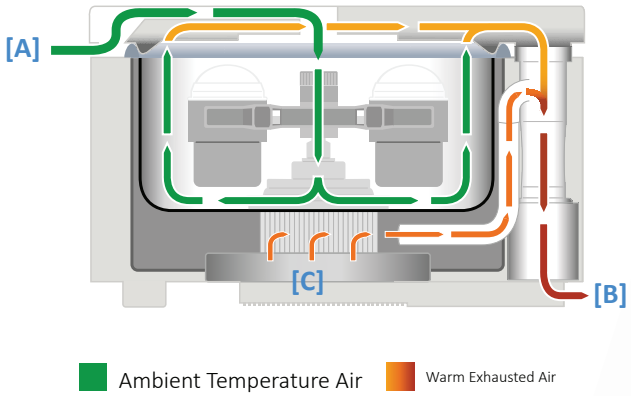
The automatic locking feature allows a rotor to be securely installed without the worry of damage to the centrifuge.

Reliable Quality

• Maintaining the proper temperature of a centrifuge chamber is a must when spinning cells, plasma, blood, and more.

Nothing Over 37°C

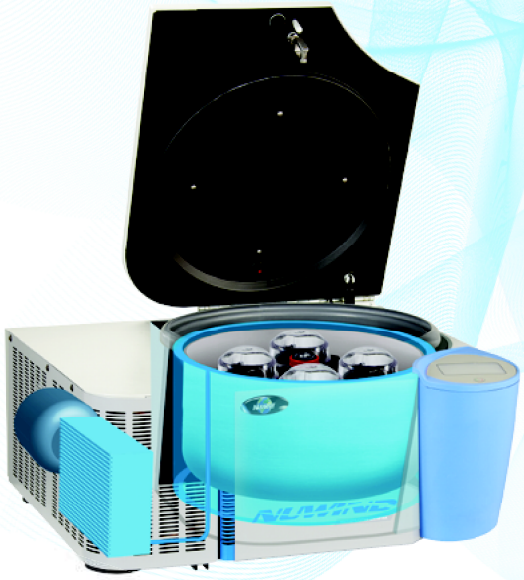
Ventilated Model



The AFI ventilation system's unique first air design pulls laboratory air from the front of the unit [A]. The vortex created within the chamber propels air through the exhaust system depositing heated air on the bottom back of the unit [B]. The separation of ambient temperature laboratory air and heated exhausted air helps to maintain chamber temperature under 37°C. The warm air from the motor [C] is pulled by the Venturi effect in the flex tube and exhausted from the bottom.

Any Speed, Any Accessory at 4°C

Refrigerated Model



The AFI robust refrigeration system surrounds the centrifuge bowl providing the ability to maintain temperature of 4°C with any accessory at any speed.

• Whether its laboratory safety, product benefits or service, AFI is the safer choice.

Imbalance Detection

The Centrifuge automatically detects and stops if the rotor is not evenly loaded. You have the option to manually set tolerance levels.

Robust Barrier Wall

Safe and durable. A 1/2 inch (13 mm) steel wall makes up the body of the centrifuge maximizing safety and laboratory footprint.

Safety Lid Lock

Gently open and lock the centrifuge lid with an automatic locking mechanism to keep your laboratory safe during operation.





InSight Electonic Control Center

Because simplicity and user-friendliness are keywords when it comes to laboratory equipment, we have redefined these concepts by developing the InSight Electronic Control Center (ECC).

InSight ECC is a plug-and-play control center housing the brains of the machine.

The ECC is designed with a touchscreen to simply centrifuge controls for high user adoption.

AFI

User-Friendly

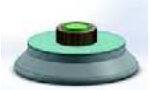
- One-Touch operation with pre-saved protocols
- Highly visible backlit display
- Indicators at end of run, including automatic lid opening and
  adjustable audible signal
- Up to 100 programms with title descrption
- 3 Backlight color display choice



Fiche Technique
Technical Data

LISA

1.6 / 2 L CENTRIFUGE

Spécifications / *Specifications*				
Modèle / *Model*	Ventilé / *Ventilated*		Réfrigéré / *Refrigerating*	
Centrifugeuse de paillasse / *Benchtop centrifuge*				
Référence / *Reference*	AFI-C200V-E	AFI-C200V	AFI-C200R-E	AFI-C200R
Caractéristiques électriques / *Electrical specifications*				
Tension nominale / *Nominal voltage* (+/- 10%)	230 V	120 V	230 V	120 V
Fréquence / *Frequency*	50 / 60 Hz	60 Hz	50 Hz	60 Hz
Puissance alimentation max. / *Power max.*	900 W		2000 W	
Conformité aux directives Européennes / Compliance with European directives				
98/79/CE : Dispositifs medicaux de diagnostic in vitro / *In vitro diagnostic medical devices*	✓		✓	
2006/42/CE : Directive machine / *Machinery directive*	✓		✓	
2014/30/UE : Directive CEM / *EMC directive*	✓		✓	
2012/19/CE : Directive DEEE / WEEE directive	✓		✓	
2011/65/CE : Directive ROHS / ROHS Directive	✓		✓	
IEC / EN61010-1 (2010) : Sécurité / *Safety*	✓		✓	
IEC / EN61010-2-020 (2006) : Sécurité / *Safety*	✓		✓	
IEC / EN61010-2-101 (2015) : Sécurité / *Safety*	✓		✓	
EN61326-1(2013) : Compatib. électromagn. / *EMC compatibility*	✓		✓	
EN55011 2009/A1 (2010) Classe A : Perturbations / *Emissions*	✓		✓	
EN ISO 14971 (2012) : Gestion des risques / *Risk management*	✓		✓	
ISO 9001 (2015) : Gestion des risques / *Risk management*	✓		✓	
ISO 13485 (2016): Gestion des risques / *Risk management*	✓		✓	
Caractéristiques principales (voir brochure) / *Main specifications (see brochure for full specification)*				
Rotors Swing-out / *Swing-out rotors* 	Capacité max. / *Max. capacity*	rotor RX625	4 x 625 ml	
	RPM max.	rotor RX625	4500 rpm	5100 rpm
	ACR max / *Max. RCF*	rotor RX625	4166 g	5350 g
Rotors Microplaques *Microplate rotors* 	Capacité max. / *Max. capacity*	bucket NU-BXDW	4x4 microplaques ; 4x1 plaques Deepwell *4x4 microplates ; 4x1 Deepwell plates*	
	RPM max.	bucket NU-BXDW	4500 rpm	5100 rpm
	ACR max / *Max. RCF*	bucket NU-BXDW	3509 g	4500 g
Rotors Angulaires / *Fixed angle rotors* 	Capacité max. / *Max. capacity*	Rotor RA24-02	24 x 2 ml	
	RPM max.	rotor RA24-02	15300 rpm	18000 rpm
	ACR max / *Max. RCF*	rotor RA24-02	22380 g	30980 g (2)
Confinement biologique / *Biocontainment*	✓			
Dimensions & poids / *Dimensions & Weight*				
Dimensions (HxlxL) / *Dimensions (HxWxD)*	34 x 46 x 60 cm		32 x 68 x 63 cm	
Dimensions emballage (HxlxL) / *Package dimension (HxWxD)*	50 x 74 x 55 cm		50 x 74 x 77 cm	
Hauteur couvercle ouvert / *Opened lid height*	79 cm		80 cm	
Poids net / *Weight unpacked*	71 Kg		110 Kg	
Poids emballé / *Weight packed*	86 kg		126 k	

Description de la centrifugeuse / Centrifuge description				
Référence / *Reference*	AFI-C200V-E	AFI-C200V	AFI-C200R-E	AFI-C200R
Ecran graphique tactile 4.3'', couleur *4.3'' graphic color screen*	✓			
Commandes / *Commands*	Touches et écran tactile *Buttons and touchscreen*			
Contrôle par microprocesseur / *Microprocessor control*	✓			
Fixation de rotor sans outil / *Toolless rotor fixing*	Système "ClickSpin©"			
Reconnaissance automatique du rotor / *Automatic rotor recognition*	✓			
Détection de balourd / *Imbalance detection*	o-apprentissage environnement de travail - Mesure continue de la vibration / *Working area auto-calibration - Continuous vibration measurement*			
Mode économie d'énergie / *Energy saving mode*	Mode "Postcool" désactivable / *Desactivable "Postcool" mode*			
Fermeture motorisée du couvercle / *Motorized lid closing*	✓			
Durées de cycle / *Cycle duration*	10 s à 99h : 59 min : 59 s / Cycle continu / Impulsion *10 s to 99h : 59 min : 59 s / Continuous cycle / Pulse*			
Unités de température / *Temperature units*	°C / °F			
Chambre de centrifugation / *Centrifugation chamber*	Inox			
Densité max. / *Max. density*	1.2 g / cm^3			
Moteur à induction sans charbon / *Brushless induction motor*	✓			
Précision de vitesse / *Speed accuracy*	± 0.5%			
Nombre de programmes / *Programs number*	99		99+2	
Fonction Pulse / *Pulse (short run)*	✓			
Pentes d'accélération & de freinage *Acceleration & Braking slopes*	10 & 10			
Décélération libre / *Brakeless mode*	✓			
Système de réfrigération / *Cooling system*	Ventilation / *Ventilation device*		Sans CFC / *Without CFC*	
Plage de réglage en température / *Range of setting temperature*	N/A		-10°C → +40°C	
Fonction de pré-refroidissement *Precool function*	N/A		✓	
Précision en temperature / *Temperature accuracy*	N/A		+/- 2°C	
Dissipation de chaleur maximale / *Heat dissipation*	3071 BTU/h		6824 BTU/h	
Niveau sonore max. / *Max. noise*	≤ 60 dB(A)		≤ 55 dB(A)	



ATALIA Certification
ISO 13485 : 2016
N° ATA 028/2017

ATALIA Certification
ISO 9001 : 2015
N° ATA 032/2017

• Should it be necessary or useful without undermining any model essential features, technical and stylistic characteristics are subject to be changed without manufacturer's previous notice.

MADE IN FRANCE

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