

AFI present
THE GENERATION

REGINA

BLOOD BANK & HIGH CAPACITY CENTRIFUGE

From Experience comes Excellence



2025



UNIQUE FRENCH MANUFACTURER

AFI Centrifuge, the only French manufacturer based in Château-Gontier in FRANCE, has been designing and manufacturing innovative centrifuges since 2009. AFI centrifuges have been designed to meet the needs and requirements of medical analysis laboratories, research laboratories, veterinary laboratories, hospitals, etc.

Offering a wide variety of rotors and accessories, the user will have at his disposal all the solutions to meet the required protocols. Available in both ventilated and refrigerated versions, AFI centrifuges are designed to be used with all types of tubes, vials and bottles available on the market.

With more than 20 years of experience in the field of biomedical engineering, electronics and electromechanics, AFI presents today a wide range of versatile and innovative centrifuges



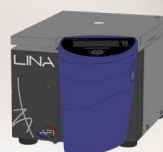
Philippe LE GUYADER

Le Guyader

CENTRIFUGES RANGE



LIA
Micro Centrifuges*
Mini, Micro & Labo



LINA
Research Centrifuge
Micro & multifonction



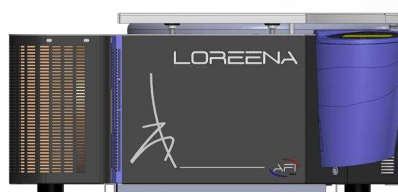
SIRENA
Centrifuge **MultiLab**
0.6 L



ISA
Clinical centrifuge
0.6 L



LISA
Centrifuge **MultiLab**
1.0 L à 2.5 L



LOREENA
Centrifuge **MultiLab**
1.6 L à 4 L



KATRINA
High Capacity Centrifuge
12 L

REGINA
High Capacity Centrifuge
16 L

LIA

Rotor 24 micro tubes
15 000 Rpm/ 21 380 x g
Ventilated & Refrigerated
8 rotors

LINA

Rotor 48 micro tubes
Rotor 6x 50mL
Rotor 6 Micro plates
23 000 Rpm/ 39 625x g
Ventilated & Refrigerated
11 rotors

SIRENA

24-36 tubes 5/7 mL
6x 100mL
18 000 Rpm/ 31514 x g
Refrigerated
Interactive display
Touch screen, 99 programs,
17 rotors

ISA

40 tubes 5/7 mL
6700 Rpm/ 6324 xg
Ventilated, Refrigerated & **Reversible**
Touch Screen, 99 programs,
11 rotors

Micro
Research centers / Veterinaire



Performance
Research centers/ Universities

Compact
Small laboratories

High Capacity
Blood bank / Industry



KATRINA

12 Liters

6000 Rpm/ 7301 x g

Refrigerated Floor

Interactive communication, Touch screen,
Integral, 6 Rotors



Groups



LOREENA

108- 200 tubes 5/7 mL / 12x 50 mL

16 000 Rpm/ 28 335x g

**Ventilated & Refrigerated
& Floor, Reversible**

Interactive communication,
Click Spin, Touch Screen,
15 Rotors



LISA

60-92 tubes 5-7 mL/ 8x100mL

18 000 Rpm/ 31514 x g

Ventilated, Refrigerated & Reversible

Interactive Communication, Click Spin, Touch
Screen, 18 Rotors

Routine
Hospitals/ Medical analysis laboratories

REGINA 16L

Centrifuge

BLOOD BANK Centrifuge

NEW GENERATION

The new generation of centrifuge for your blood bank center REGINA benefits from the experience of AFI, it will easily and safely replace your old centrifuges. Regina meets all your validated protocols for separating plasma, Buffy coat, red blood cells.

QUALITY THAT SPEAK FOR ITSELF

The «IDEM» application coupled with PFC (Power Factor Control) technology ensures a reproducibility of your cycles making Regina an ideal centrifuge for simplified blood processing productivity

INTERACTIVE COMMUNICATION

With its large «Smartphone» touch screen colour display, REGINA ensures interactive communication between you and the machine. Backlit display for better visibility Programming is greatly facilitated by direct access to all cycle parameters in a single window. Compatible with gloved hands.

SECURITY

User access as password protection of the protocols ensures increased security and efficiency

Centrifuge	Description
AFI-C1200R-E	REGINA Blood Banking Centrifuge 16 L
Specifications	Swing-out rotor
Max Speed	3900 rpm
Max RCF	5767 g
Max Loading	16 Liters
T° Range	-20°C/+40°C
Dim. (HxWxD)	962x 885x1060 cm
Pack dim.	
Weight	502kg

The high performance centrifuge



IDEM APPLICATION

The IDEM application guarantees a perfect reproduction of the cycle. Regardless of the environment (rotor change, partial bag loading, tension, machine age) the IDEM application guarantees identical results for all your cycles.

INTERNATIONAL AUTOMATIC ELECTRICAL CORRECTION



International automatic correction of the electrical network. Guarantees stability of the machine's performance.

Its major assets

6 reasons

to choose it



Multi-user, password-protected access control for protocol protection

SECURITY

Centrifuge's electronic functions integrated into a front central unit. Plug & play system guaranteeing a fast and efficient intervention

THE BLUE BOX



INTERACTIVE DISPLAY

Its large touch screen, ensures simple communication between user and device.
Backlight display for better visibility
One screen that grants direct access to all cycle parameters, also compatible with gloves



You can set up your own programs, name it, lock it, choose slope rate, set up your own user preferences.

CUSTOMIZABLE PROGRAM

REGINA

REGINA, AFI's Topnotch Centrifuge

Designed to meet all needs related to blood treatment and optimized to reach the highest level of performance, while remaining ergonomic and user-friendly.



REGINA, the New Generation in Centrifuge for your Transfusion Centers

Optimally designed by a group of French experts, **REGINA** is a safe and easy alternative to your old centrifuges. Katrina meets validated protocol and international standards



REGINA, Quality that Speaks for Itself

The « **IDEM** » application combined with **PFC** (Power Factor Control) technology ensures cycle reproducibility, making **REGINA** the ideal centrifuge for simple and productive blood treatment.

NEW GENERATION

REGINA, AFI's Savoir-Faire

Modelled after AFI's latest technical practices, **REGINA** truly represents state-of-the-art French design.

- AFI designs and manufactures its own motors
- AFI designs and manufactures its own circuit boards
- AFI designs and manufactures its own cooling units.
- AFI designs and manufactures its own parts

- Its innovative suspension and noise reduction system make the **AFI** centrifuge the most reliable of its kind.

All **AFI** centrifuges are manufactured in Mayenne (France), a longtime leader in French centrifugation, and sealed with the “Made in France » quality stamp of approval

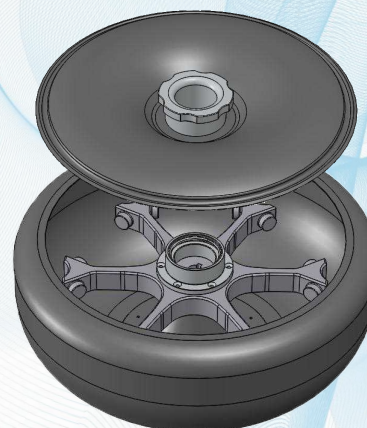


Un achat raisonné



AFI RX6-2700

Blood Bags Adapters selection guide



Model	R
Max Capacity	6x 2700 mL
Angle	90°
RPM Max	3 800
ACR Max	4 940

Accessories

Ref.	AFI-RX6-2700	AFI-BO6-2700	AFI-LI-2700	AFI-WLI750*
				
	* Set of 6			* Set of parts from 10 to 40er

Blood Bags

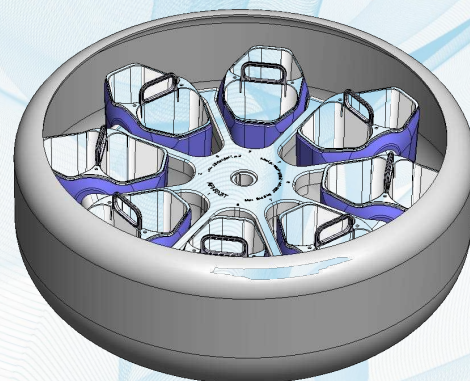
Type	Quintuple + Double filters	Simple
Bags per adapter / rotor	2 12	2 12
Adapter		
Hole LWH (mm)		
Radius	279	
Max charge (gr)	TBC	
Ref.	AFI-LI2700	

Bottles

Type	Bottles 2,7L
Bottles per adaptor	1 6
Bucket	
Speed	TBC
Ref.	AFI-BF6-2700

AFI RX8-2000

Blood Bags Adapters selection guide



Model	R
Max Capacity	8x 2000 mL
Angle	90°
RPM Max	3 900
ACR Max	5 567

Accessories



Ref.	AFI-RX8-2000	AFI-LRX8	AFI-BO8-2000	AFI-LIS8-2000	AFI-WLI750*
					* Set of parts from 10 to 40gr

Blood Bags



550 mL

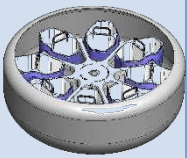


750mL

Type	Quadruple + 1 filter	Simple
Bags per adapter / rotor	2 16	2 16
Adapter		
Hole LWH (mm)		
Radius	327	
Max charge (gr)	TBC	
Ref.	AFI-LIS8-2000	

DATA SHEET



Spécifications / Specifications		
Modèle / Model	Réfrigéré / Refrigerating	
Centrifugeuse de sol / Floor stand centrifuge		
Référence / Reference	AFI-C1200R-E	AFI-C1200R
Caractéristiques électriques / Electrical specifications		
Tension nominale / Nominal voltage (+/- 10%)	230 V	208 V
Fréquence / Frequency	50 Hz	60 Hz
Puissance alimentation max. / Power max.	6500 W	6500 W
Conformité aux directives Européennes / Compliance with European directives		
98/79/CE : Dispositifs médicaux 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	✓	✓
93/42/CE : Dispositifs médicaux / Medical device	✓	✓
Caractéristiques principales (voir brochure) / Main specifications (see brochure for full specification)		
Rotors Swing-out with windshield / Swing-out rotors avec carenage	Capacité max. / Max. capacity	8x 2000 mL
	RPM max.	3900 rpm
	ACR max / Max. RCF	5767 g
		
Dimensions & poids / Dimensions & Weight		
Dimensions (HxLxL) / Dimensions (HxWxD)	962 x 885 x 1060 mm	
Dimensions emballage (HxLxL) / Package dimension (HxWxD)	1150 x 1200 x 1000 mm	
Hauteur couvercle ouvert / Opened lid height	1890 mm	
Poids net / Weight unpacked	502 Kg	
Poids emballé / Weight packed	574 kg	

Description de la centrifugeuse / Centrifuge description		
Référence / Reference	AFI-C1200R-E	AFI-C1200R
Ecran graphique tactile 5.7", couleur <i>5.7" graphic color screen</i>	✓	
Commandes / <i>Commands</i>	Touches et écran tactile <i>Buttons and touchscreen</i>	
Contrôle par microprocesseur / <i>Microprocessor control</i>	✓	
Tolérance de déséquilibre / <i>Imbalance tolerance</i>	125g dans des charges opposées <i>125g in opposite loads</i>	
Fermeture motorisée du couvercle / <i>Motorized lid closing</i>	✓	
Programation par calcul d'intégral / <i>Accumulated Centrifugal Effect</i>	✓	
Modes	Au démarrage / A vitesse <i>At start / At speed</i>	
Durées de cycle / <i>Cycle duration</i>	10 s à 99h : 59 min : 59 s / Cycle continu / Impulsion <i>10 s to 99h : 59 min : 59 s / Continuous cycle / Pulse</i>	
Unités de température / <i>Temperature units</i>	°C / °F	
Chambre de centrifugation / <i>Centrifugation chamber</i>	Inox	
Densité max. / <i>Max. density</i>	1.2 g / cm ³	
Moteur à induction sans charbon / <i>Brushless induction motor</i>	✓	
Vitesse mini / Maxi <i>Mini / Max Speed</i>	300 / 3800 rpm	
Pas de réglage de la vitesse <i>Speed setting step</i>	10 rpm	
Précision de vitesse / <i>Speed accuracy</i>	± 0.5%	
Nombre de programmes / <i>Programs number</i>	120	
Pentes d'accélération & de freinage <i>Acceleration & Braking slopes</i>	11 acceleration & 12 deceleration	
Décélération libre / <i>Brakeless mode</i>	✓	
Système de réfrigération / <i>Cooling system</i>	Sans CFC / <i>Without CFC</i>	
Plage de réglage en température / <i>Range of setting temperature</i>	-10°C ➔ +40°C	
Fonction de prérefroidissement <i>Precool function</i>	✓	
Précision en température / <i>Temperature accuracy</i>	+/- 1°C	
Dissipation de chaleur maximale / <i>Heat dissipation</i>	22179 BTU/h	
Niveau sonore max. / <i>Max. noise</i>	≤ 62 dB(A)	



M A D E I N F R A N C E

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AFI catalogs***



* If necessary or useful without affecting the essential characteristics of a model, the technical and stylistic characteristics may be modified without prior notice from the manufacturer.