

AFI presents
THE GENERATION

LIA

CENTRIFUGES FOR CLINIC AND CHEMISTRY

From Experience comes Excellence



AFI
Groups

AFI GROUPS

UNIQUE FRENCH MANUFACTURER



AFI centrifuges of French design and manufacture, based in Château-Gontier in FRANCE, have been designed to meet the needs and the requirements of clinical analysis and biomedical research laboratories.

Offering a variety of different rotors and accessories, the user will have all solutions for the separation and preparation of samples available, whether from blood sampling in basic biological research, medical, pharmaceutical or cell culture.

Available in ventilated, refrigerated version, the AFI centrifuges are designed to be used with all tubes, flasks and bottles available on the market, as well as for preparations of samples on microplates.

The AFI centrifuges range covers the different clinical segments, Industry, Research without forgetting the machines dedicated to Blood bank segment.

Thank you so much to all our distributors who, through their start-up and trust, have succeeded in promoting the AFI range in their countries. Today, I will be delighted to enlarge this great international team. Our doors are always open for you to come and discover our range of products made in France.

Sincerely Yours

Philippe LE GUYADER
CEO



RANGE



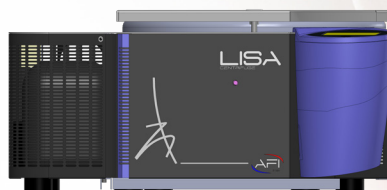
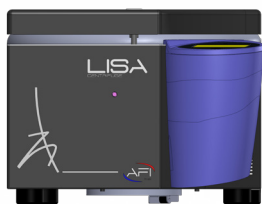
LIA
Centrifuge*
Micro



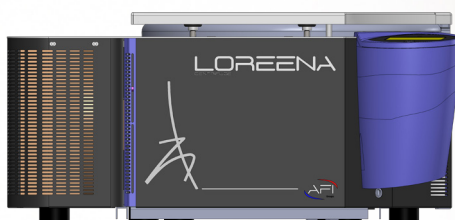
SIRENA
Centrifuge **MultiLab**
0.6 L



ISA
Centrifuge
0.6 L



LISA
Centrifuge **MultiLab**
1.6 L to 2.5 L



LOREENA
Centrifuge **MultiLab**
1.6 L to 4 L

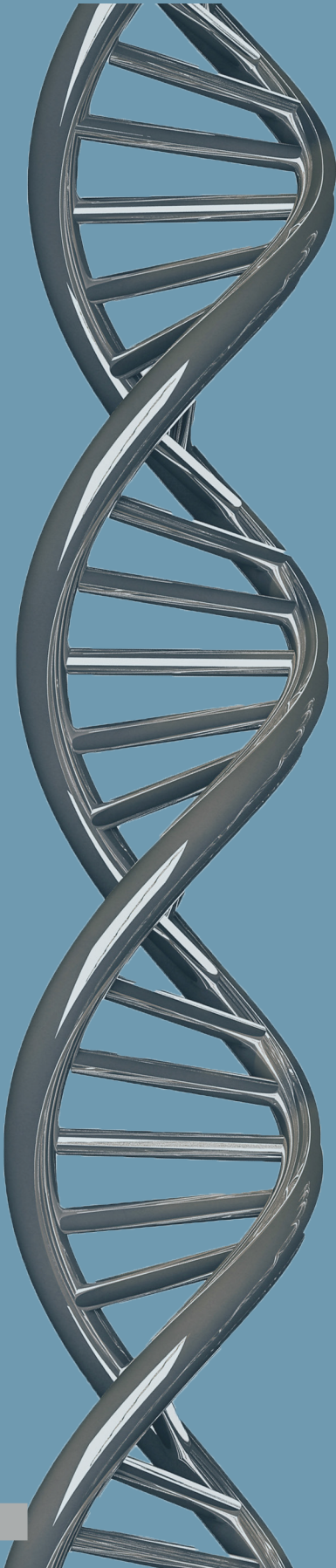


KATRINA
Blood Banking Centrifuge
4 L to 6 L

REGINA
Blood Banking Centrifuge
12 L

LIA

From Experience comes Excellence



BIOLOGY LINE

Micro Centrifuge
Range 24x 2mL

Centrifuge BIOLOGY-LINE

Better results and more samples in less time.

Speed rates up to 15 000 Rpm and with 21 380 RCF accommodate a high number of samples to increase efficiency and throughput in your lab.

Wide range of capabilities.

Four rotors are optional complete with 24 place 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with the use of adapters. Rotor of PCR 8x 4 is also available

Powerful cooling system for precise temperature control

Pre-cooling program ensures optimal protection of the sample before warming. This is ideal for temperature sensitive samples in molecular biology and R&D applications.



Centrifuge Description	
AFI-MICROV-E	LIA Centrifuge Ventilated
AFI-MICROR-E	LIA Centrifuge Refrigerated
Specifications	Angular Rotor
Max Speed	15000rpm
Max RCF	21380g
Max Loading	18x 5ml
Dim. (HxWxD)	Ventilated : 27x28x37 cm Refrigerated : 23x33x55 cm
Pack dim.	V : 35x44x45 cm / R : 35x50x65 cm
Weight	V : 12kg / R : 30kg

FIXED ANGULAR ROTORS

Accessories selection guide

Angular rotor 24x2ml - 45° - Sealed

Model	V	R
Max Capacity	24 x 2ml	
Angle	45°	
RPM Max	15 000	15 000
ACR Max	21 380	21 380



Tubes

Capacity (ml)	1,5-2	0,2	0,5
Ø x L (mm)	11x38	6x18	8x30
Tubes per adapter / rotor	24	1 24	1 24

Accessories

			
Hole Ø X L (mm)	11,2x40,5		8,3x39
Radius	85	83	83
Ref.	AFI-MICRO24-2	AFI-M2R02*	AFI-M2R05*

* Set of 24

Angular rotor 4x PCR8 - 45° - Sealed

Model	V	R
Max Capacity	32 x 0,2ml	
Angle	45°	
RPM Max	15 000	15 000
ACR Max	21 380	21 380



Tubes

Capacity (ml)	8x0,2
Ø x L (mm)	6x22
Tubes per adapter / rotor	4

Accessories

	
Hole Ø X L (mm)	6,5x20,4
Radius	85
Ref.	AFI-MICROPCR8-4

* Set of 36

Angular rotor 12x5ml - 45° - Sealed

Model	V	R
Max Capacity	16 x 5ml	
Angle	45°	
RPM Max	15 000	15 000
ACR Max	21 380	21 380



Tubes

Capacity (ml)	5
Ø x L (mm)	16,5x56
Tubes per adapter / rotor	12

Accessories



Hole Ø X L(mm)	17,5x44
Radius	85

Ref.



AFI-MICRO12-5

* Set of 12

Angular rotor 18x5ml - 45° - Sealed

Model	V	R
Max Capacity	18 x 5ml	
Angle	45°	
RPM Max	15 000	15 000
ACR Max	21 380	21 380



Tubes

Capacity (ml)	5
Ø x L (mm)	13,5x56
Tubes per adapter / rotor	18

Accessories



Hole Ø X L(mm)	13,7x39
Radius	85

Ref.

AFI-MICRO18-5

* Set of 12

FIXED ANGULAR ROTORS

Accessories selection guide

Angular rotor 36x0,5ml - 45° - Sealed

Model	V	R
Max Capacity	36 x 0,5ml	
Angle	45°	
RPM Max	15 000	15 000
ACR Max	21 380	21 380



Tubes

Capacity (ml)	0,5	0,2
Ø x L (mm)	8x36	6x18
Tubes per adapter / rotor	36	1 36

Accessories

		
Hole Ø X L(mm)	8,2x29,3	
Radius	85	83
Ref.	AFI-MICRO36-05	AFI-M05R02*

* Set of 36

Hematocrit Rotor - Sealed

Model	V
Max Capacity	24
Angle	90°
RPM Max	12 000
ACR Max	18 620



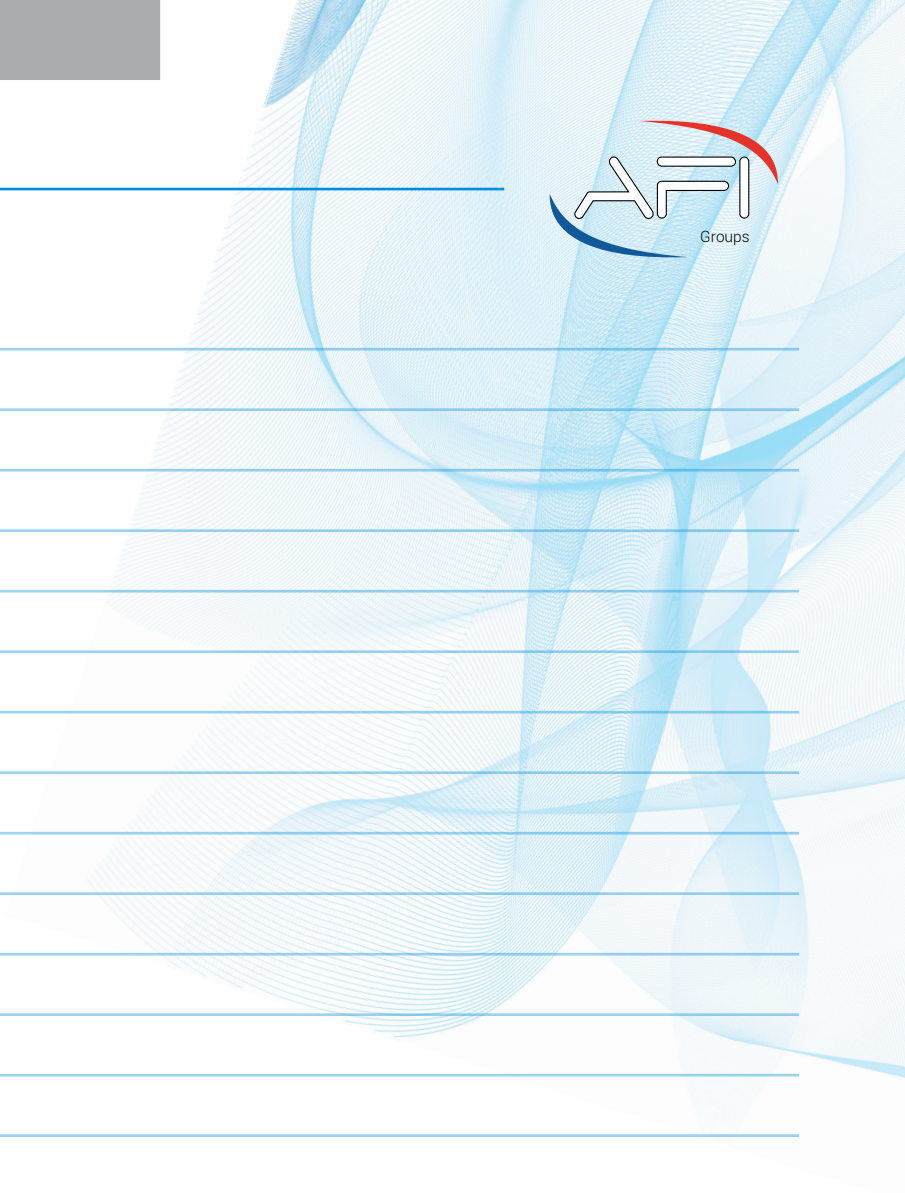
Tubes

Capacity (ml)	-
Ø x L (mm)	1,6x76
Tubes per adapter / rotor	24

Accessories

	
Hole Ø X L(mm)	2,6x80
Radius	116
Ref.	AFI-MICROH-24

* Set of 36



Notes

DATA SHEET



Spécifications - Specifications			
Modèle - Model		Ventilé - Ventilated	Réfrigéré -Refrigerating
Centrifugeuse de paillasse <i>Benchtop centrifuge</i>			
Référence - Reference		AFI-MICROV-E	AFI-MICROR-E
Caractéristiques électriques - Electrical specifications			
Tension nominale - Nominal voltage (+/- 10%)		230 V	230 V
Fréquence - Frequency		50 / 60 Hz	50 / 60 Hz
Puissance alimentation max. - Power max.		200 W	400 W
Conformité aux directives Européennes - Compliance with European directives			
Certification CE CE Certification		✓	✓
Caractéristiques principales (voir brochure) - Main specifications (see brochure for full specification)			
Rotors Angulaires Fixed angle rotors 	Capacité max. Max. capacity	Rotor AFI-MICRO18-5	18 x 5 ml
	RPM max.	Rotor AFI-MICRO18-5	15000 rpm
	ACR max Max. RCF		21380 g
Confinement biologique - Biocontainment		✓	
Dimensions & poids - Dimensions & Weight			
Dimensions (HxLxL) - Foot print Dimensions (HxWxD)		27 x 28 x 37 cm	28 x 33 x 55 cm
Dimensions emballage (HxLxL) - Package dimension (HxWxD)		35 x 44 x 45 cm	35 x 50 x 65 cm
Hauteur couvercle ouvert - Opened lid height		48 cm	48 cm
Poids net - Weight unpacked		12 Kg	30 Kg
Poids emballé - Weight packed		15 kg	34 kg

Description de la centrifugeuse / Centrifuge description		
Référence - Reference	AFI-MICROV-E	AFI-MICROR-E
Ecran L LCD screen	✓	
Commandes Commands	Molette + Touches tactiles Knob + Tactiles Buttons	
Contrôle par microprocesseur Microprocessor control	✓	
Reconnaissance automatique du rotor Automatic rotor recognition	✓	
Détection de balourd Imbalance detection	✓	
Durées de cycle Cycle duration	30 s à 99mn continues 30s to 99mn Continuous	
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	± 20 rpm	
Fonction Pulse Pulse (short run)	✓	
Décélération libre Brakeless mode	✓	
Système de réfrigération Cooling system	Ventilation Ventilation device	Sans CFC CFC free
Plage de réglage en température Range of setting temperature	N/A	-20°C → +40°C
Fonction de pré-refroidissement Precool function	N/A	✓
Niveau sonore max. Max. noise	≤ 64 dB(A)	≤ 56 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.

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

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