

AFI presents
THE GENERATION

ISA

CENTRIFUGES FOR CLINIC AND CHEMISTRY

From Experience comes Excellence



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



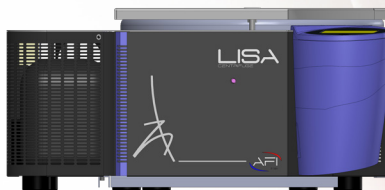
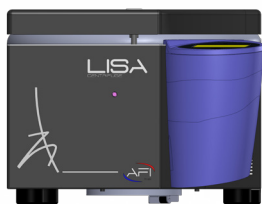
LIA
Centrifuge*
Micro



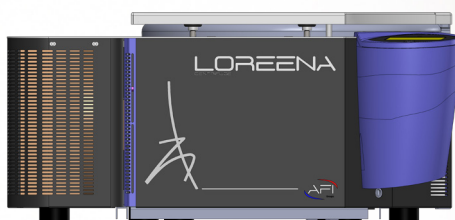
SIRENA
Centrifuge **MultiLab**
0.6 L



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

Innovation: The AFI product benefits

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.



Innovation: User friendly

Only AFI, with its large “smartphone” type colour touch screen, ensures interactive communication between the user and the machine

Innovation: “As an aircraft black box”

The blue electronic module integrates the entire technological core of the AFI centrifuge, an ergonomic concept based on years of experience.

This concept makes it possible to minimize the electrical connections that are sources of breakdowns and problems in a centrifuge, AFI reliability.

This concept allows for quick and efficient interventions

This blue electronic module assures you, registers and secures all datas. It's your own black box.



Quality: Optimize the repeatability of centrifugation



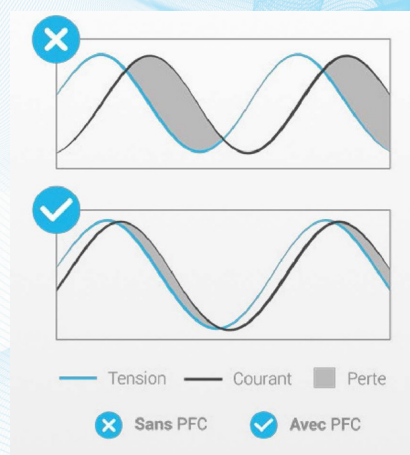
Worldwide power supply compatibility

The PFC converter automatically corrects voltage and current differences from the supply. It prevents interference on the operation of nearby equipment. The voltage supply remains constant in components, which maximizes the lifetime of centrifuge components.



100 % guarantee results

The PFC automatically provides a constant and uniform voltage to the centrifuge drive, allowing perfect centrifugation repeatability. The user enjoys constant quality in separations and a high reliability of the results.



- Our centrifuges are fitted with the Power Factor Correction (PFC) system. It maximizes the power of the centrifuge and allows perfect centrifugation in repeatability.

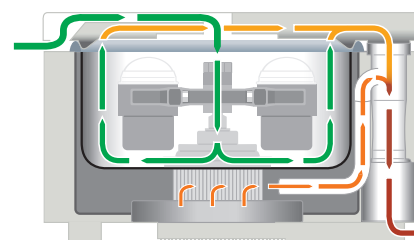
Security : work at the right temperature

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



Maximum 37°C

The performance of the ventilation system on the ventilated model ensures a temperature below 37 °C in the centrifuge.



■ Ambient Temperature Air ■ Warm Exhausted Air



4°C at any speed, for any accessory

On the refrigerated model, the power of the refrigeration system ensures a temperature of 4°C with any accessory at any speed (select quick pre-cool or pre-cool programs). The treatment of your temperature sensitive samples is optimized.

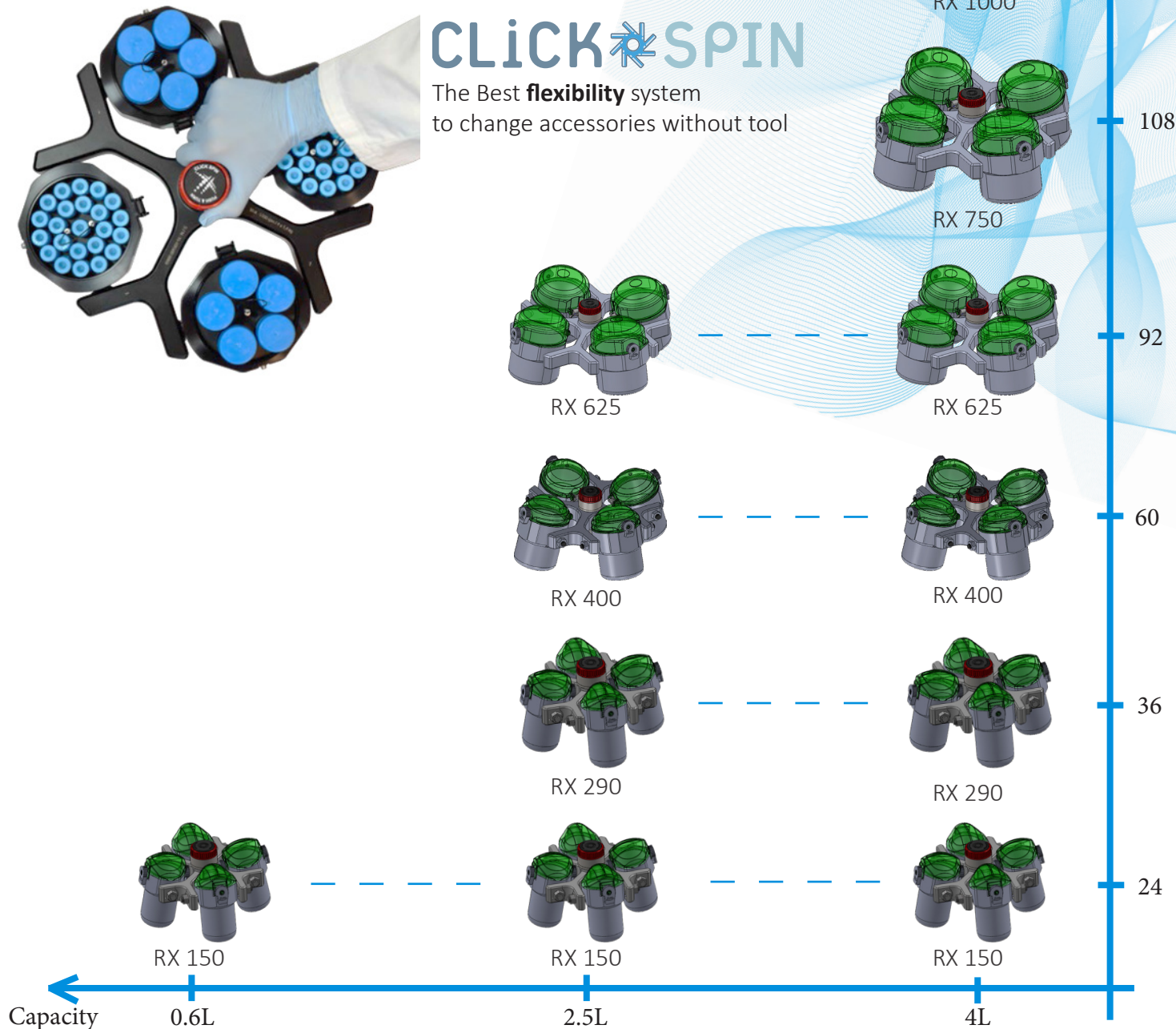
Flexibility for your laboratory

All accessories are compatible in the AFI MultiLab centrifuges

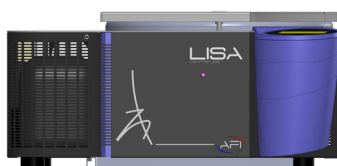


CLICK & SPIN

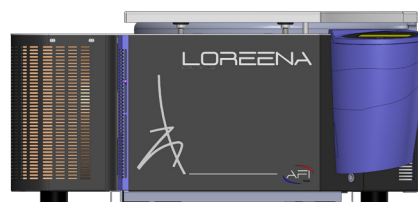
The Best **flexibility** system
to change accessories without tool



SIRENA
Centrifuge MultiLab



LISA
Centrifuge MultiLab



LOREENA
Centrifuge MultiLab

Custom ADAPTER

Make the difference to win

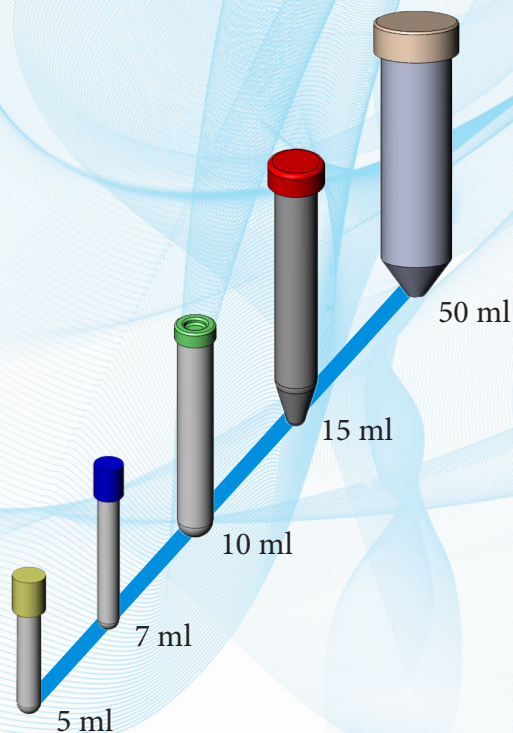


e.g : PARIS Hospital APHP
2-7-10 ml
ref: AFI-APHP-001

STEP 1. Make a list of the main tubes used by your customer.

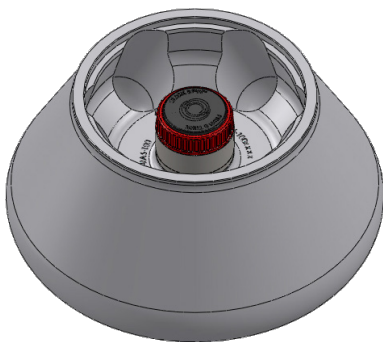
STEP 2. Rank the tubes from most used to least used.

STEP 3. AFI manufactures the adapter on demand, and makes it unique through custom branding.



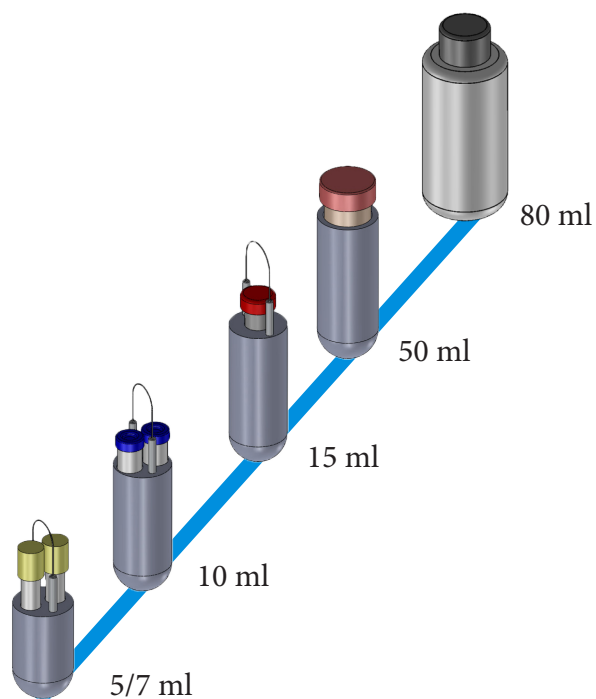
Multi-tubes ROTOR

The good idea for your research laboratory



Angular rotor 6x100ml - 28°

Model	V	R
Max Capacity	6 x 100ml	
Angle	28°	
RPM Max	12 100	14 000
ACR Max	17 351	23 228



ISA

From Experience comes Excellence



COMPACT-LINE

Clinical Centrifuge
Range 0.6L

Centrifuge COMPACT-LINE

ALL OF A BIG

ISA will be indispensable for your daily laboratory tasks in small offices and hospitals. Up to 40 5/7mL tubes can be centrifuged in dedicated applications.

POLYVALENT

It is ideal for clinical chemistry but will also find its place in research laboratories with its range of angle rotors. 2ml, 15mL, 50mL, 85mL, no tube can resist it.

COMPACT

Thanks to its compactness and small size, ISA will be discreet and easy to place on your benches. It will go from 0.4 to 0.6L and thus provide support on a rise in activity.

SMALL AND CUTE

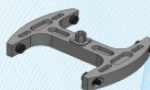
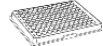
Its small and cute design will seduce you. The central wheel and large display will make your navigation easier. She will become your best friend.



Centrifuge Description		
AFI-CI060V-E	ISA Centrifuge Ventilated	
AFI-CI060R-E	ISA Centrifuge Refrigerated	
Specifications	Swing-out rotor	Angular Rotor
Max Speed	4500rpm	6700rpm
Max RCF	3396g	6331g
Max Loading	4x150ml	6x85ml
Dim. (HxWxD)	34x39x51cm	
Pack dim.	47x47x70cm	
Weight	40kg	

Swinging bucket rotors

Accessories selection guide

								
ISA ACCESSORIES			AFI-RXN100	AFI-RXN150		AFI-RHDW-N150	CYTOLOGY PACK	
								
ISA ACCESSORIES			-	AFI-B150	AFI-SB150	AFI-DB50*	AFI-BHDW-150*	-
Max Capacity (ml)			4x100	4x150	4x150	8x50	8 Microplates	12 Funnels
Max Speed (rpm)			4 100	4 500	4 500	4 500	4 500	2 000
Max RCF (g)			2 932	3 396	3 419	3 441	2 400	438
Lid				✓	✓			
Page			10	11	12	13	14	20
Tubes	ml	Ø x L						
	1,1-1,4	8x82	-	32	36	24	-	-
	1,5-2	11x38	-	48	72	24	-	-
	1,5-2	12,5x40	-	32	36	24	-	-
	1,6-7	13x75-100	40	24	36	8	-	-
	2,6-4,9	13x81-106	40	24	36	8	-	-
	2,7-5	11x82-108	40	24	36	8	-	-
	4-8,5	15x91-108	28	16	24	8	-	-
	7-10	16x100	28	16	24	8	-	-
	10	21x90	-	12	16	8	-	-
	15	17x120	12	8	8	8	-	-
	30	25x110	-	4	4	8	-	-
	30	25x110	-	4	4	8	-	-
	30	25x95	-	4	4	8	-	-
	50	29x115	-	4	4	8	-	-
	50	29x115	4	4	4	8	-	-
	50	29x107	-	4	4	8	-	-
	80	38x106	-	4	4	8	-	-
	100	44x100	4	4	4	-	-	-
	Micro Plates		-	-	-	-	8	-
	Deep Well		-	-	-	-	2	-
	Funnel		-	-	-	-	-	12

* Unsealed

AFI RXN-100

Adapters selection guide



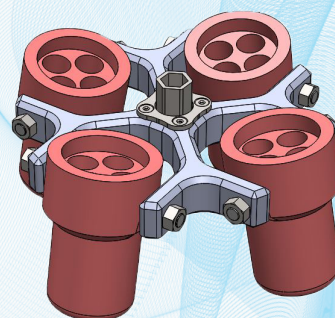
DEDICATED PLASTIC BUCKETS

Model	V	R
Max Capacity	4 x 100ml	
Angle	90°	
RPM Max	4 100	4 100
ACR Max	2 932	2 932

Accessories



Ref.	AFI-RXN100
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Tubes

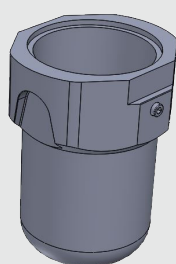
	1,6-7	2,6-4,9	2,7-5	1,6-7	2,6-4,9	2,7-5	4-8,5	7-10	4-8,5	7-10
Capacity (ml)	13x75 100	13x81 106	11x82 108	13x75 100	13x81 106	11x82 108	15x91 108	16x100	15x91 108	16x100
Tubes per adapter / rotor	7 28			10 40			4 16		7 28	
Adapter										
Hole Ø x L (mm)	13,5x58			13,5x58			17x58		17x58	
Radius	131			132			142		145	
Ref.	ISA-PRBT5*			ISA-PSBT5*			ISA-PRBT10		ISA-PSBT10	

* For tube length > 80mm and ACR > 3000g, we preconise using adapter AFI-PRBT6

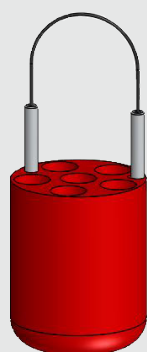
Tubes

	15	50	100
Capacity (ml)	17x120	29x115	44x100
Ø x L (mm)	3 12	1 4	1 4
Adapter			
Hole Ø x L (mm)	18x80	30x70	46x80
Radius	156	147	147
Ref.	ISA-PRBT15C	ISA-PRBT50C	ISA-PRBT100

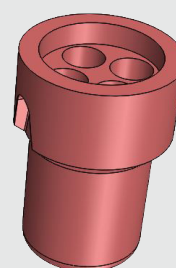
Classic configuration (see p11)



Aluminium Bucket



Plastic Adapter

SMART optimization
(see above)

Dedicated plastic bucket

AFI RXN-150

Adapters selection guide

AFI-B150 : ROUND BUCKETS

Model	V	R
Max Capacity	4 x 150ml	
Angle	90°	
RPM Max	4 500	4 500
ACR Max	3 396	3 396

Accessories



Ref.	AFI-RXN150	AFI-B150*	AFI-L150*	AFI-SB150*	AFI-LSB150*	AFI-DB50*
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* Set of 4

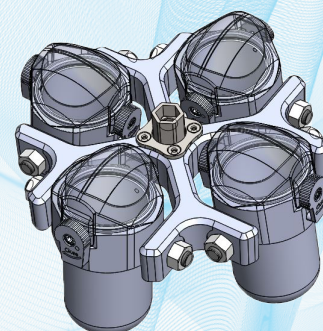
Tubes

Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-7	2,6-4,9	2,7-5	4-8,5	7-10	10	15
Ø x L (mm)	8x82	11x38	12,5x40	13x75 100	13x81 106	11x82 108	15x91 108	16x100	21x90	17x120
Tubes per adapter / rotor	8 32	12 48	8 32		6 24		4 16		3 12	2 8
Adapter										
Hole Ø x L (mm)	9x50	11,25x40	13x30		13,5x58		17x58		22x80	18x80
Radius	150	145	125		148		148		150	150
Ref.	AFI-06T1	AFI-06T2	AFI-06T2CRYO		AFI-06T5*		AFI-06T10		AFI-06T10C	AFI-06T15C

* For tube lenght > 80mm and ACR > 3000g, we preconise using adapter AFI-06T6

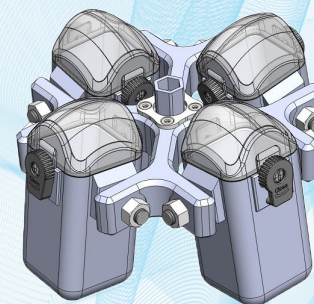
Tubes

Capacity (ml)	30	30	30	50	50	50	80
Ø x L (mm)	25x110	25x110	25x95	29x115	29x115	29x107	38x106
Tubes per adapter / rotor	1 4	1 4	1 4	1 4	1 4	1 4	1 4
Adapter							
Hole Ø x L (mm)	26x60	26x60	26,5x70	30x70	30x70	30x70	40x78
Radius	150	148	148	149	150	149	149
Ref.	AFI-06T30S	AFI-06T30C	AFI-06T30AOR	AFI-06T50S	AFI-06T50C	AFI-06T50AOR	AFI-06T80AOR

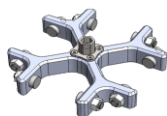


AFI-SB150 : SQUARE BUCKETS

Model	V	R
Max Capacity	4 x 150ml	
Angle	90°	
RPM Max	4 500	4 500
ACR Max	3 419	3 419



Accessories



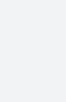
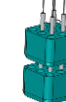
Ref.	AFI-RXN150	AFI-B150*	AFI-L150*	AFI-SB150*	AFI-LSB150*	AFI-DB50*
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* Set of 4

Tubes

Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-7	2,6-4,9	2,7-5	4-8,5	7-10	10	15
Ø x L (mm)	8x82	11x38	12,5x40	13x75 100	13x81 106	11x82 108	15x91 108	16x100	21x90	17x120
Tubes per adapter / rotor	9 36	18 72	9 36		9 36		6 24		4 16	2 8

Adapter



Hole Ø x L (mm)	9x50	11,25x40	13x30		13,5x58		17x58		22x80	18x80
Radius	145	90 145	125		148		148		150	150
Ref.	AFI-06T1-SB	AFI-06T2-SB	AFI-06T2CRYO-SB		AFI-06T5-SB*		AFI-06T10-SB		AFI-06T10C-SB	AFI-06T15C-SB

* For tube lenght > 80mm and ACR > 3000g, we preconise using adapter AFI-06T6

Tubes

Capacity (ml)	30	30	30	50	50	50	80
Ø x L (mm)	25x110	25x110	25x95	29x115	29x115	29x107	38x106
Tubes per adapter / rotor	1 4	1 4	1 4	1 4	1 4	1 4	1 4

Adapter



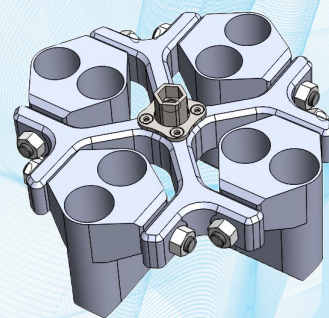
Hole Ø x L (mm)	26x60	26x60	26,5x70	30x70	30x70	30x70	40x78
Radius	148	147	178	149	150	149	149
Ref.	AFI-06T30S-SB	AFI-06T30C-SB	AFI-06T30AOR-SB	AFI-06T50S-SB	AFI-06T50C-SB	AFI-06T50AOR-SB	AFI-06T80AOR-SB

AFI RXN150 + DB50

Adapters selection guide

AFI-DB50 : CONICAL BUCKETS

Model	V	R
Max Capacity	4 x 150ml	
Angle	90°	
RPM Max	4 500	4 500
ACR Max	3 441	3 441



Accessories



Ref.	AFI-RXN150	AFI-B150*	AFI-L150*	AFI-SB150*	AFI-LSB150*	AFI-DB50*
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* Set of 4

Tubes

Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-5	2,6-4	2,7-3	5-7	4,9	4,5-5	10
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81 91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	3 24	3 24	3 24		1 8			1 8		1 8
Adapter										
Hole Ø x L (mm)	9x50	11,25x40	13x30		13,5x58			13,5x78		22x80
Radius	152	131	106		124			124		150
Ref.	AFI-50R1*	AFI-50R2*	AFI-50R2CRYO*	AFI-50R5*			AFI-50R7*			AFI-50R10C*

Tubes

Capacity (ml)	4-8,5	7-10	10	15	30	30	30	50	50	50
Ø x L (mm)	15x91 108	16x100	16x85	17x120	25x110	25x110	25x95	29x115	29x115	29x107
Tubes per adapter / rotor	1 8		1 8	1 8	1 8	1 8	1 8	1 8	1 8	1 8
Adapter										
Hole Ø x L (mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x70	30x70
Radius	152		134	152	134	140	143	134	152	142
Ref.	AFI-50R10*		AFI-50R10-OAK*	AFI-50R15C*	AFI-50R30S*	AFI-50R30C*	AFI-50R30-OAK*	AFI-50R50S*	-	AFI-50R50-OAK*

* Set of 8



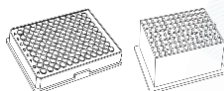
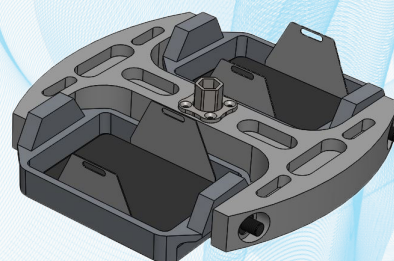
MICROPLATES

Accessories selection guide



AFI-RBHDWN-150 : 8 MICROPLATES

Model	V	R
Max Capacity	-	-
Angle	90°	-
RPM Max	4 500	4 500
ACR Max	2 400	2 400



Microplates

Capacity (ml)	-	-	-	-
Max Height (mm)	-	-	55	55
Tubes per adapter / rotor	-	-	4 8	1 2

Accessories



Hole Ø x L (mm)	-	-	-
Radius	106	-	106
Ref.	AFI-RBHDWN-150	AFI-RHDWN-150	AFI-BHDWN-150*

FIXED ANGULAR ROTOR

Accessories selection guide



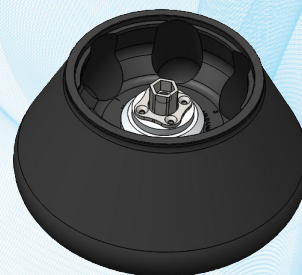
ISA ACCESSORIES	AFI-RAN6-85	AFI-FAN6-50	AFI-RAN6-50	AFI-RAN12-15	AFI-RAN20-2
Max Capacity (ml)	6x85	6x50	6x50	12x15	20x2
Max Speed (rpm)	6 700	6 700	9 500	6 700	5 600
Max RCF (g)	5 320	6 073	10 292	6 324	2 630
Lid		✓			✓
Page	16	17	18	19	19

Tubes	ml	Ø x L					
	0,2-0,25		-	-	-	-	20
	0,5		-	-	-	-	20
	1,1-1,4	8x82	12	18	18	-	-
	1,5-2	11x38	24	18	18	-	20
	1,5-2	12,5x40	24	18	18	-	-
	1,6-5	13x75	12	6	6	13	-
	5-7	13x100	12	6	6	-	-
	2,6-4,9	13x81-106	112	6	6	-	-
	2,7-5	11x82-108	12	6	6	-	-
	5	16,5x60	-	-	-	-	-
	4-8,5	15x91-108	12	6	6	-	-
	7-10	16x100	12	6	6	12	-
	10 OAK	16x85	6	6	6	-	-
	10	21x90	6	6	6	-	-
	15	17x120	6	6	6	12	-
	30	25x110	6	6	6	-	-
	30	25x110	6	6	6	-	-
	30 OAK	25x95	6	6	6	-	-
	50	29x115	6	6	6	-	-
	50	29x115	6	6	6	-	-
	50 OAK	29x107	6	6	6	-	-
	80 OAK	38x106	6	-	-	-	-
	100	44x100	-	-	-	-	-



Angular rotor 6x85ml - 28°

Model	V	R
Max Capacity	6 x 100ml	
Angle	28°	
RPM Max	6 700	6 700
ACR Max	5 320	5 320



Accessories

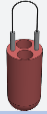


Ref.	AFI-RAN6-85
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Tubes

Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-5	2,6-4	2,7-3	5-7	4,9	4,5-5	10
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81 91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	2 12	4 24	4 24		2 12			2 12		1 6
Adapter										
Hole Ø x L (mm)	9x50	11,25x40	13x30		13,5x58			13,5x78		22x80
Radius	106	87 103	83 104		87 103			87 103		95
Ref.	AFI-100R1	AFI-100R2	AFI-100R2CRYO		AFI-100R5			AFI-100R7		AFI-100R10C

Tubes

Capacity (ml)	4-8,5	7-10	10	15	30	30	30	50	50	50
Ø x L (mm)	15x91 108	16x100	16x85	17x120	25x110	25x110	25x95	29x115	29x115	29x107
Tubes per adapter / rotor	2 12		1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6
Adapter										
Hole Ø x L (mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x70	30x70
Radius	106		87 103	95	96	96	94	101	101	98
Ref.	AFI-100R10		AFI-100R10-OAK	AFI-100R15C	AFI-100R30S	AFI-100R30C	AFI-100R30-OAK	AFI-100R50S	AFI-100R50C	AFI-100R50-OAK

Tubes

Capacity (ml)	80
Ø x L (mm)	38x106
Tubes per adapter / rotor	1 6
Adapter	
Hole Ø x L (mm)	39x68
Radius	106
Ref.	-

FIXED ANGULAR ROTOR

Accessories selection guide

Fixed rotor 6x50ml - 45° - Sealed

Model	V	R
Max Capacity	6x 50ml	
Angle	45	
RPM Max	6 700	6 700
ACR Max	6 073	6 073

Accessories



Ref.	AFI-FAN6-50
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Tubes										
Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-5	2,6-4	2,7-3	5-7	4,9	4,5-5	10
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81 91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	3 18	3 18	3 18		1 6			1 6		1 6
Adapter										
Hole Ø x L (mm)	9x50	11,25x40	13x30	13,5x58		13,5x78		22x80		
Radius	125	106 120	97 111	110		118		118		
Ref.	AFI-50R1*	AFI-50R2*	AFI-50R2CRYO*	AFI-50R5*		AFI-50R7*		AFI-50R10C*		

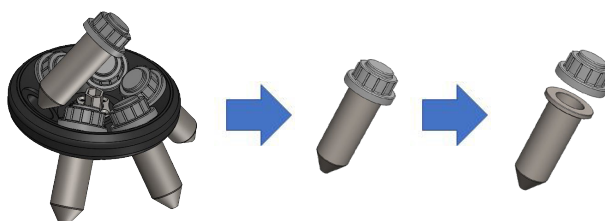
Tubes										
Capacity (ml)	4-8,5	7-10	10	15	30	30	30	50	50	50
Ø x L (mm)	15x91 108	16x100	16x85	17x120	25x110	25x110	25x95	29x115	29x115	29x107
Tubes per adapter / rotor	1 6		1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6
Adapter										
Hole Ø x L (mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x70	30x70
Radius	125		118	108	120	122	118	121	124	125
Ref.	AFI-50R10*		AFI-50R10-OAK*	AFI-50R15C*	AFI-50R30S*	AFI-50R30C*	AFI-50R30-OAK*	AFI-50R50S*	-	AFI-50R50-OAK*

* Set of 6

Ideal for your sensitive samples.

Sealed and individually removable adapters.

Guaranteed safety throughout your analysis protocol, before, during and after centrifugation



Angular rotor 6x50ml - 40°

Model	V	R
Max Capacity	6 x 50ml	
Angle	40°	
RPM Max	5 600	5 600
ACR Max	4 383	4 383



Accessories



Ref.	AFI-RAN6-50
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Tubes

Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-5	2,6-4	2,7-3	5-7	4,9	4,5-5	10
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81 91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	3 18	3 18	3 18		1 6			1 6		1 6

Adapter

Adapter										
Hole Ø x L(mm)	9x50	11,25x40	13x30		13,5x58			13,5x78		22x80
Radius	121	101 112	85 96		100			112		119
Ref.	AFI-50R1*	AFI-50R2*	AFI-50R2CRYO*		AFI-50R5*			AFI-50R7*		AFI-50R10C*

Tubes

Capacity (ml)	4-8,5	7-10	10	15	30	30	30	50	50	50
Ø x L (mm)	15x91 108	16x100	16x85	17x120	25x110	25x110	25x95	29x115	29x115	29x107
Tubes per adapter / rotor	1 6		1 6	1 6	1 6	1 6	1 6	1 6	1 6	1 6

Adapter

Adapter										
Hole Ø x L(mm)	17x78	17x70	18x80	26x60	26x60	26,5x70	30x70	30x85	30x70	30x70
Radius	121	112	98	107	115	107	113	120	120	113
Ref.	AFI-50R10*	AFI-50R10-OAK*	AFI-50R15C*	AFI-50R30S*	AFI-50R30C*	AFI-50R30-OAK*	AFI-50R50S*	-	AFI-50R50-OAK*	AFI-50R50-OAK*

* Set of 6

FIXED ANGULAR ROTOR

Accessories selection guide

Angular rotor 12 tubes

Model	V	R
Max Capacity	12 x 15ml	
Angle	37°	
RPM Max	6 700	6 700
ACR Max	6 324	6 324

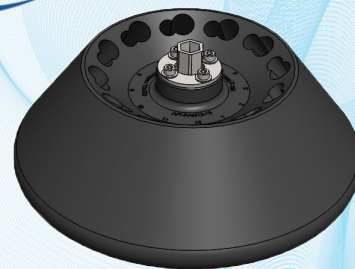
Tubes

Capacity (ml)	-	1,6-5	7-10	15
Ø x L (mm)	-	13x75	16x100	17x120
Tubes per adapter / rotor	-	12	12	12

Accessories

		-		
Hole Ø X L (mm)	18x98	13,5x58	17,7x80	17,7x95
Radius	103 126	100	103	124
Ref.	AFI-RAN12-15	-	AFI-15R10*	AFI-15R15C*

* Set of 12



Angular rotor 20x2ml - 45° - Sealed

Model	V	R
Max Capacity	20 x 2ml	
Angle	45°	
RPM Max	5 600	5 600
ACR Max	2 630	2 630

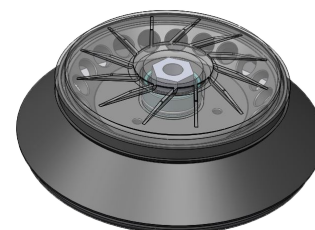
Tubes

Capacity (ml)	1,5-2	0,2	0,25	0,5
Ø x L (mm)	11x38	6x18		8x30
Tubes per adapter / rotor	20	1 20	1 20	1 20

Accessories

				
Hole Ø X L (mm)	11,2x41		7x39	8,3x39
Radius	75	75	75	75
Ref.	AFI-RAN20-2	AFI-2R05*	AFI-2R025*	AFI-2R05C*

* Set of 6



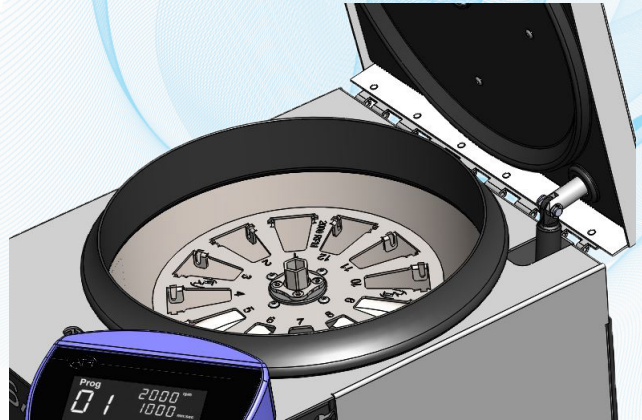
AFI-CYTOLOGY PACK : ISA Ventilated + Cytology rotor

Model	V
Max Capacity	12 Funnels
Angle	90°
RPM Max	2 000
ACR Max	438

Accessories



Ref.	AFI-CYTO
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METAL CLIP

OPTION

Capacity (mL)	
Surface (mm ²)	
Ø (mm)	

Description



Radius	98
Set of	6

Ref.	AFI-CLIP
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- (1) Funnel + White Filtre + Cap
(2) Funnel + Tan Filtre + Cap
(3) Double Funnel + White Filtre + Cap

CYTOLOGY FUNNELS PACKS

SINGLE	SINGLE	DOUBLE
0,5	0,4	0,5
28	28	28
6	6	6
		
500	500	500
AFI-SFW ⁽¹⁾	AFI-SFT ⁽²⁾	AFI-DFW ⁽³⁾

INDIVIDUALLY WRAPPED

SINGLE	DOUBLE
0,5	0,5
28	28
6	6
	
500	500
AFI-SFW1 ⁽¹⁾	AFI-DFW1 ⁽³⁾

ALL PLASTIC CLIP

OPTION

	SINGLE	SINGLE	DOUBLE	MEGA
Capacity (mL)	0,5	0,4	0,5	6
Surface (mm ²)	28	28	28	325
Ø (mm)	6	6	6	

Description



Set of	480	480	480	480
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Ref.	AFI-PSFW ⁽¹⁾	AFI-PSFT ⁽²⁾	AFI-PDFW ⁽³⁾	AFI-MF ⁽⁴⁾
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- (1) Plastic clip + Funnel + White Filtre + Cap
(2) Plastic clip + Funnel + Tan Filtre + Cap
(3) Plastic clip + Double Funnel + White Filtre + Cap
(4) Plastic clip + Mega Funnel + Cap

INDIVIDUAL COMPONENTS

	METAL CLIP			ALL PLASTIC			SINGLE		DOUBLE	MEGA
	SIMPLE	DOUBLE	CLIP	SIMPLE	DOUBLE	CAP	WHITE	BROWN	WHITE	WHITE
Description										
Set of	500	500	500	500	500	500	200	200	200	200
Ref.	AFI-SF	AFI-DF	AFI-PDB	AFI-PSF	AFI-PDF	AFI-SC	AFI-SW	AFI-ST	AFI-DW	AFI-MW

DATA SHEET

Spécifications - Specifications				
Modèle - Model	Ventilé - Ventilated		Réfrigéré -Refrigerating	
Centrifugeuse de pailleasse Benchtop centrifuge				
Référence - Reference	AFI-CI060V-E	AFI-CI060V	AFI-CI060R-E	AFI-CI060R
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.	400 W		800 W (460W compressor)	
Conformité aux directives Européennes - Compliance with European directives				
98/79/CE : Dispositifs médicaux de diagnostic in vitro In vitro diagnostic medical devices	✓		✓	
2014/35/UE : Directive Basse Tension – Low Voltage 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 AFI-RXN-150 Bucket AFI-BX150	4 x 150 ml	
	RPM max.		4500 rpm	4500 rpm
	ACR max Max. RCF		3396 g	3396 g
 Rotors Microplaques Microplate rotors	Capacité max. Max. capacity	Rotor AFI-RHDWN-150 Bucket AFI-BXDW	2x3 microplaques 2x3 microplates	
	RPM max.		4500 rpm	4500 rpm
	ACR max Max. RCF		2400 g	2400 g
 Rotors Angulaires Fixed angle rotors	Capacité max. Max. capacity	Rotor AFI-RA6-85	6 x 85 ml	
	RPM max.		6700 rpm	6700 rpm
	ACR max Max. RCF		5169 g	5169 g
Couvercle - Lid	✓			
Dimensions & poids - Dimensions & Weight				
Dimensions (HxLxL) - Foot print Dimensions (HxWxD)	34 x 39 x 51 cm		34 x 46 x 72 cm	
Dimensions emballage (HxLxL) - Package dimension (HxWxD)	47 x 47 x 70 cm		47 x 52 x 81 cm	
Hauteur couvercle ouvert - Opened lid height	74 cm		79 cm	
Poids net - Weight unpacked	40 Kg		70 Kg	
Poids emballé - Weight packed	50 kg		80 kg	

Description de la centrifugeuse / Centrifuge description

Description de la centrifugeuse / Centrifuge description				
Référence - <i>Reference</i>	AFI-CI060V-E	AFI-CI060V	AFI-CI060R-E	AFI-CI060R
Ecran LCD 4.7" <i>4.7" LCD screen</i>		✓		
Commandes <i>Commands</i>		Molette +Touches tactiles <i>Knob + Tactiles Buttons</i>		
Contrôle par microprocesseur <i>Microprocessor control</i>		✓		
Reconnaissance automatique du rotor <i>Automatic rotor recognition</i>		✓		
Détection de balourd <i>Imbalance detection</i>		Calibration ajustable (15g swing out et 3g rotors angulaires).Neutralisation automatique des vibrations liées à l'environnement. <i>Tunable calibration (15g for swing out & 3g for angular rotors). Automatic neutralization of vibrations due to environment</i>		
Mode économie d'énergie <i>Energy saving mode</i>		Mode "Postcool" désactivable <i>Desactivable "Postcool" mode</i>		
Fermeture du couvercle <i>Lid closing</i>		Fermeture manuelle & ouverture motorisée <i>Manual closing & motorized opening</i>		
Durées de cycle <i>Cycle duration</i>		10 s à 99h:59min:59s & Impulsion <i>10 s to 99h:59min:59 s & 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 / cm³		
Moteur à induction sans charbon <i>Brushless induction motor</i>		✓		
Précision de vitesse <i>Speed accuracy</i>		± 0.5%		
Nombre de programmes <i>Programs number</i>		99	99+2	
Fonction Pulse <i>Pulse (short run)</i>		✓		
Pentes d'accélération & de freinage <i>Acceleration & Braking slopes</i>		10 & 10		
Décélération libre <i>Brakeless mode</i>		✓		
Système de réfrigération <i>Cooling system</i>		Ventilation <i>Ventilation device</i>		Sans CFC <i>CFC free</i>
Plage de réglage en température <i>Range of setting temperature</i>		N/A		-10°C → +40°C
Fonction de pré-refroidissement <i>Precool function</i>		N/A		✓
Précision en température <i>Temperature accuracy</i>		N/A		+/- 2°C
Dissipation de chaleur maximale <i>Heat dissipation</i>		1364 BTU/h		2729 BTU/h
Niveau sonore max. <i>Max. noise</i>		≤ 58 dB(A)		≤ 54 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.

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