AFI presents
THE GENERATION

SIRENA

MULTILAB CENTRIFUGES 0.6l

From Experience comes Excellence

★★★★½



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



AFI Centrifuge
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Tel : +33 (0)2 43 06 15 19 - E-mail : contact@afigroups.com

RANGE





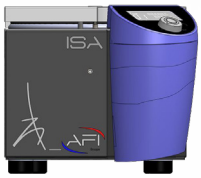
LIA
Centrifuge*

Micro



SIRENA
Centrifuge MultiLab

0.6 L

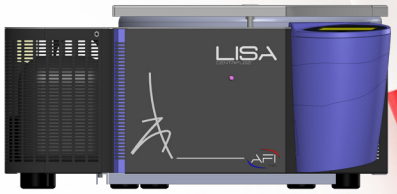




ISA
Centrifuge

0.6 L

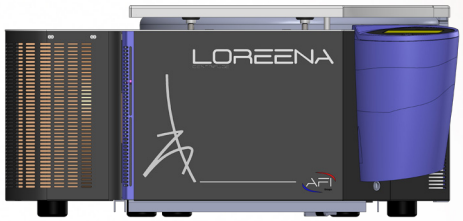




LISA
Centrifuge MultiLab

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

* OEM product

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.



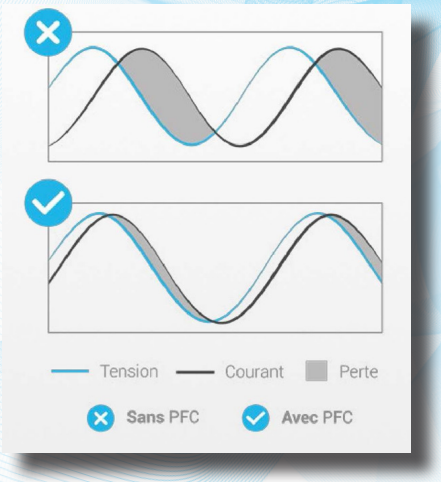
Quality: Optimize the repeatability of centrifugation

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

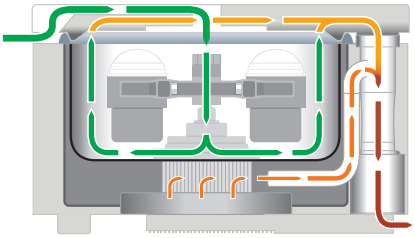
• Maintaining the proper temperature of a centrifuge chamber is a must when spinning cells, plasma, blood, and more.

Maximum 37°C

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

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.



Ambient Temperature Air Warm Exhausted Air

Flexibility for your laboratory

All accessories are compatible in the AFI MultiLab centrifuges

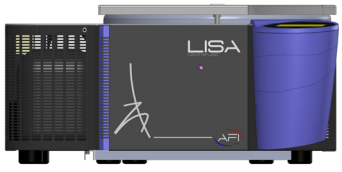


CLiCK SPIN

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



SIRENA
Centrifuge MultiLab



LISA
Centrifuge MultiLab



LOREENA
Centrifuge MultiLab

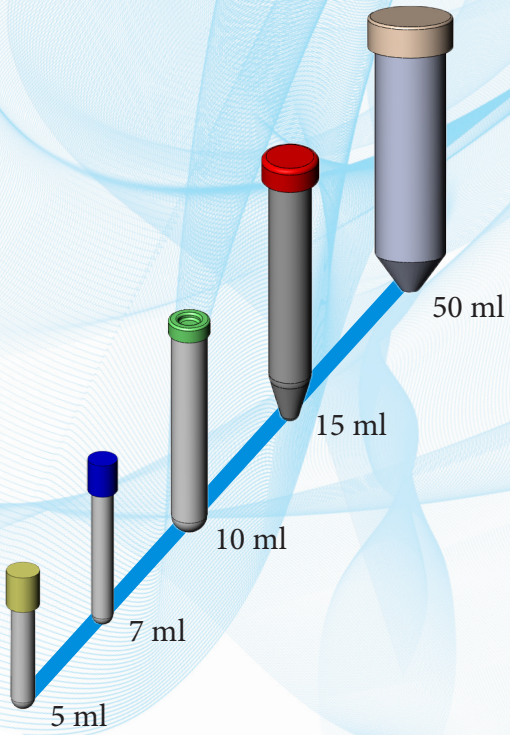
Custom ADAPTER

Make the difference to win



e.g :

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



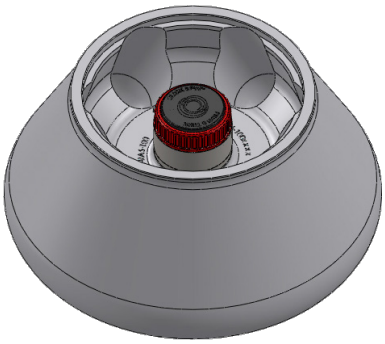
STEP 1. Make a list of the main tubes used by your customer.

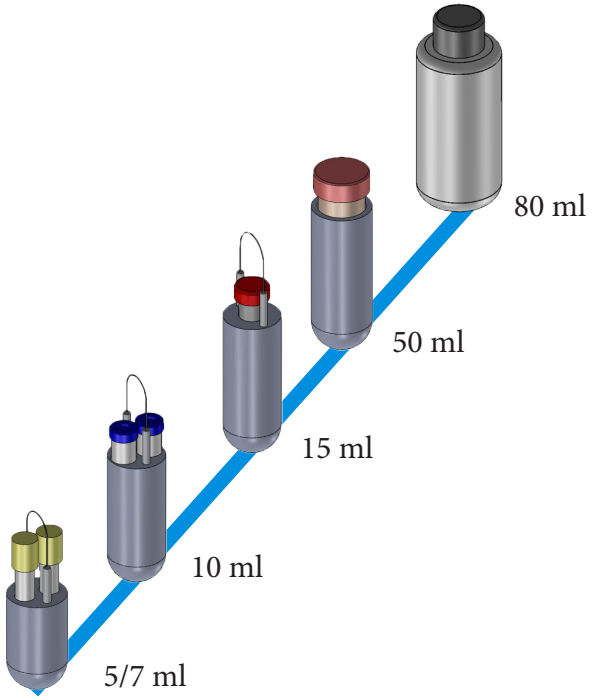
STEP 2. Rank the tubes from most used to least used.

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

SIRENA

From Experience comes Excellence



PERFORMANCE-LINE

Multilab Centrifuge
Range 0.6L

SIRENA

Multilab Centrifuge PERFORMANCE-LINE



LOOK FUTURIST

Only SIRENA, with its offbeat look, its extraordinary display contrast and its touch screen, will be able to transport you to the future. To infinity and beyond!

SIRENA, WE KEEP IN EYE

Only SIRENA, by its blue OK, will confirm that your sample is under control: cold, speed, are respected. Only SIRENA by its green or red circles will tell you whether the cycle is running smoothly or not. You will be notified at more than 7 meters. Only SIRENA with its intuitive flashing symbols will detect the failure and show you the solution.

COMPACTNESS

Very compact (96 tubes 5-7 mL) The monobloc design makes centrifuges very compact and will help you save space in your laboratory. Optimum compactness.

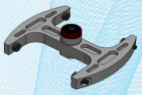
PERFORMANCE

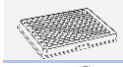
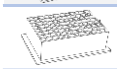
Only SIRENA with its wide range of rotors (more than 13 angular rotors) will be your ally for all your research: From microbiology to molecular research and biochemistry, it will provide you with the most efficient solution.

Centrifuge Description		
AFI-C060R-E	SIRENA Centrifuge Refrigerated	
Specifications	Swing-out rotor	Angular Rotor
Max Speed	4700rpm	18000rpm
Max RCF	3725g	31594g
Max Loading	4x150ml	6x100ml
T° Range	-10°C/+40°C	
Dim. (HxWxD)	29x44x72cm	
Pack dim.	47x52x81cm	
Weight	70kg	

Swinging bucket rotors

Accessories selection guide

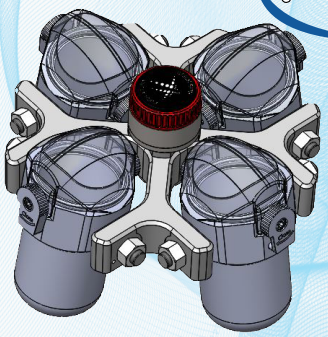



SIRENA ACCESSORIES			RX150			RHDW-150
						
SIRENA ACCESSORIES			**AFI-B150**	**AFI-SB150**	**AFI-DB50**	**AFI-BHDW-150**
Max Capacity (ml)			4x150	4x150	8x50	8 Microplates
Max Speed (rpm)			4 700	4 700	4 700	4 700
Max RCF (g)			3 704	3 729	3 754	2 964
Lid			✓	✓		✓
LISA Compatible*			✓	✓	✓	✓
Page			10	11	12	13
* Compatible with the maximum speed written above the rotor.						
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	24	36	8	-
	**2,6-4,9**	13x81-106	24	36	8	-
	**2,7-5**	11x82-108	24	36	8	-
	**4-8,5**	15x91-108	16	24	8	-
	**7-10**	16x100	16	24	8	-
	**10**	21x90	12	16	8	-
	**15**	17x120	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	8	-
	**50 OAK**	29x107	4	4	8	-
	**80 OAK**	38x106	4	4	8	-
	**Micro Plates**		-	-	-	8
	**Deep Well**		-	-	-	2

* Unsealed

AFI RX150

Adapters selection guide



AFI-B150 : ROUND BUCKETS

Model	R
Max Capacity	4 x 150ml
Angle	90°
RPM Max	4 700
ACR Max	3 704

Accessories



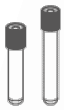
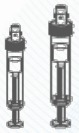
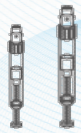
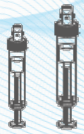





Ref.	AFI-RX150	AFI-B150*	AFI-L150*	AFI-SB150*	AFI-LSB150*	AFI-DB50*

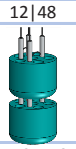
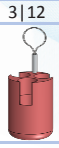
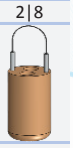
* Set of 4






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	90|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

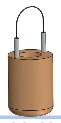
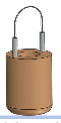
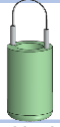






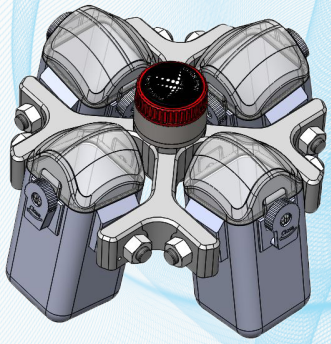


Tubes

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	147	148	149	150	149	149
Ref.	**AFI-06T30S**	**AFI-06T30C**	**AFI-06T30AOR**	**AFI-06T50S**	**AFI-06T50C**	**AFI-06T50AOR**	**AFI-06T80AOR**

AFI RX150

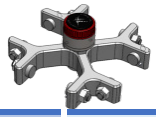
Adapters selection guide



AFI-SB150 : SQUARE BUCKETS

Model	R
Max Capacity	4 x 150ml
Angle	90°
RPM Max	4 700
ACR Max	3 729

Accessories







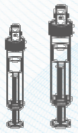
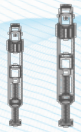
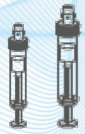

Ref.	AFI-RX150	AFI-B150*	AFI-L150*	AFI-SB150*	AFI-LSB150*	AFI-DB50*

* Set of 4

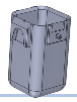
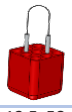
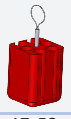
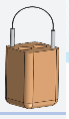
Tubes








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 151	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

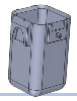
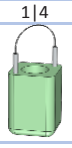
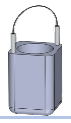
Tubes





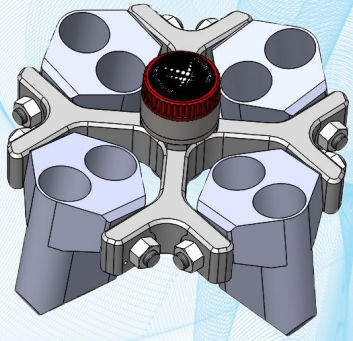




Capacity (ml)	30	30	30	50	50	50	80
Ø x L (mm)	25x110	25x110	25x95	29x115	29x115	29x107	38x106
Tubes per adapter / rotor	1|4	1|4	1|4	1|4	1|4	1|4	1|4
Adapter							
Hole Ø x L(mm)	26x60	26x60	26,5x70	30x70	30x70	30x70	40x78
Radius 151	148	147	178	149	150	149	149
Ref.	**AFI-06T30S-SB**	**AFI-06T30C-SB**	**AFI-06T30AOR-SB**	**AFI-06T50S-SB**	**AFI-06T50C-SB**	**AFI-06T50AOR-SB**	**AFI-06T80AOR-SB**

AFI RX150 + DB50

Adapters selection guide



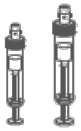
AFI-DB50 : CONICAL BUCKETS

Model	R
Max Capacity	4 x 150ml
Angle	90°
RPM Max	4 700
ACR Max	3 754

Accessories						
Ref.	**AFI-RX150**	**AFI-B150***	**AFI-L150***	**AFI-SB150***	**AFI-LSB150***	**AFI-DB50***

* Set of 4

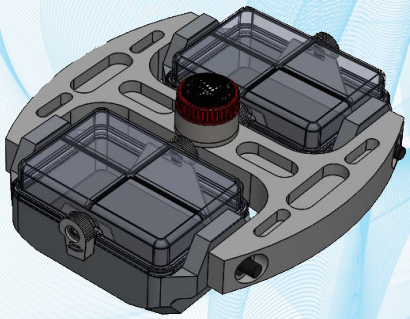
Tubes										
Capacity (ml)	**1,1-1,4**	**1,5-2**	**1,5-2**	**1,6-5**	**2,6-4**	**2,7-3**	**5-7**	**4,9**	**4,5-5**	**10**
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81|91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	3|24	3|24	3|24		1|8			1|8		1|8
Adapter 										
Hole Ø x L(mm)	9x50	11,25x40	13x30		13,5x58			13,5x78		22x80
Radius 152	131	106	96		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		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 4

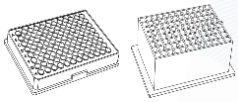
MICROPLATES

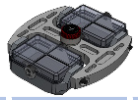
Accessories selection guide



AFI-BHDW-150 : 8 MICROPLATES SEALED

Model	R
Max Capacity	4 x 150ml
Angle	90°
RPM Max	4 700
ACR Max	2 964



Microplate						
Capacity (ml)		-	-	-	-	-
Max Height (mm)		-	-	55	55	50
Tubes per adapter / rotor		-	-	4|8	1|2	-
Accessories						
						
Hole Ø x L(mm)		-	-	-		-
Radius	120	-	-	120		-
Ref.		**AFI-RBHDW-150**	**AFI-RHDW-150**	**AFI-BHDW-150***		**AFI-LH-150***

* Set of 2

Notes

FIXED ANGULAR ROTORS

Accessories selection guide



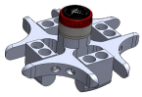
SIRENA ACCESSORIES	AFI-RA6-100	AFI-RA6-100L	AFI-RA8-50	AFI-RA8-50L	AFI-RA6-50	AFI-RA6-50L	AFI-FA8-50	AFI-RA30-15	AFI-RA10-10
Max Capacity (ml)	6x100	6x100	8x50	8x50	6x50	6x50	8x50	30x15	10x10
Max Speed (rpm)	7 000	7 000	7 500	7 500	9 500	9 500	5 600	4 700	8 700
Max RCF (g)	5 807	5 807	6 415	6 415	10 292	10 292	4 944	3 482	8 885
Lid		✓		✓		✓	✓		✓
LISA Compatible*	✓	✓	✓	✓	✓	✓	✓	✓	✓
Page	19	17	20	19	22	21	23	24	24

* Compatible with the maximum speed written above the rotor.

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

Groups











SIRENA ACCESSORIES			AFI-RA16-5	AFI-RAPCR8-8	AFI-RX8-5	AFI-RA48-2	AFI-RA30-2	AFI-RA24-2	AFI-RA24-2SC	AFI-RAH-24
Max Capacity (ml)			16x5	8x8	8x5	48x2	30x2	24x2	24x2	24 tubes
Max Speed (rpm)			14 200	15 000	10 000	12 700	14 000	18 000	18 000	12 200
Max RCF (g)			24 347	16 099	11 739	18 213	21 694	31 514	31 514	16 973
Lid			✓	✓		✓	✓	✓	✓	✓
LISA Compatible*			✓	✓	✓	✓	✓	✓	✓	
Page			25	28	25	26	26	27	27	28
* Compatible with the maximum speed written above the rotor.										
Micro Tubes	ml	Ø x L								
	**0,2-0,25**	6x18	-		8	48	30	24	-	
	**0,5**	8x30	-		8	48	30	24	-	
	**1,5-2**	11x38	-		8	48	30	24	-	
	**5**	16,5x60	16	-	8	-	-	-	-	-
	**2** SPIN COLUMN	11x38	16	-	-	-	-		24	
	**8x8**	6x22	-	8	-	-	-	-	-	-
	Capillary tubes	1,6x76	-	-	-	-	-	-	-	24

FIXED ANGULAR ROTORS

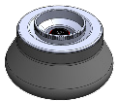
Accessories selection guide



Angular rotor 6x100ml - 28° - Sealed

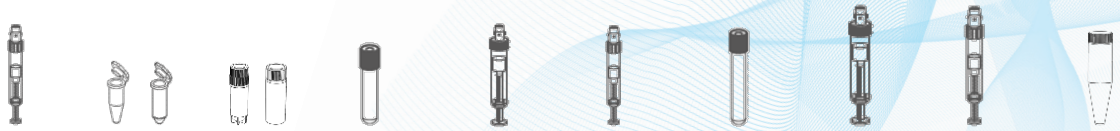
Model	R
Max Capacity	6x 100mL
Angle	28°
RPM Max	7 000
ACR Max	5 807

Accessories



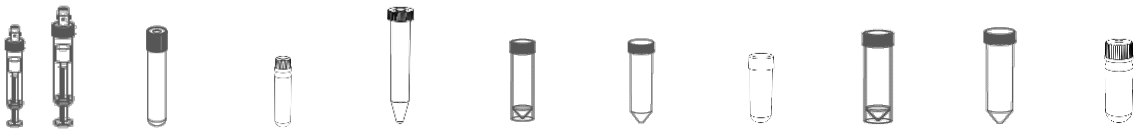
Ref.	AFI-RA6-100L

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	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		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	103
Ref.	-

Angular rotor 6x100ml - 28°

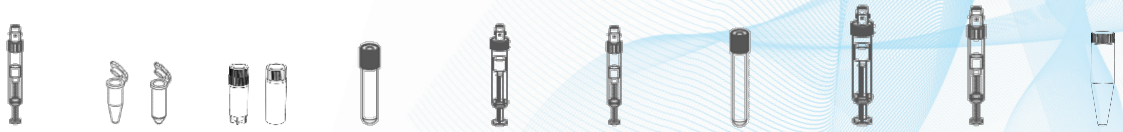


Model	R
Max Capacity	6x 100mL
Angle	28°
RPM Max	7 000
ACR Max	5 807

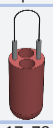
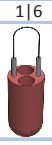
Accessories



Ref.	AFI-RA6-100



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	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		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	103
Ref.	-

FIXED ANGULAR ROTORS

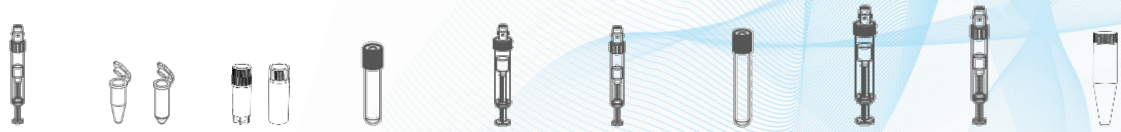
Accessories selection guide

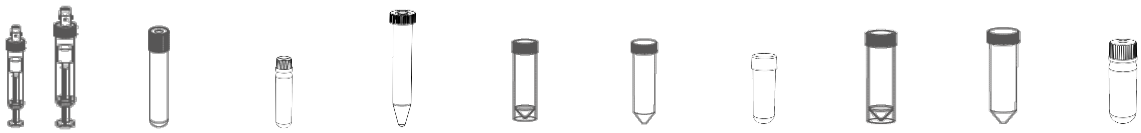


Angular rotor 8x50ml - 25° - Sealed

Model	R
Max Capacity	8x 50mL
Angle	25°
RPM Max	7 500
ACR Max	6 415

Accessories	
Ref.	**AFI-RA8-50L**

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 102	83 | 97	74 | 88	71 | 85		87			95		95
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	30x87	30x70
Radius 102	95		85	97	99	95	98	101	102	101
Ref.	**AFI-50R10***		**AFI-50R10-OAK***	**AFI-50R15C***	**AFI-50R30S***	**AFI-50R30C***	**AFI-50R30-OAK***	**AFI-50R50S***	-	**AFI-50R50-OAK***

* Set of 8

Angular rotor 8x50ml - 25°

Model	R
Max Capacity	8x 50mL
Angle	25°
RPM Max	7 500
ACR Max	6 415

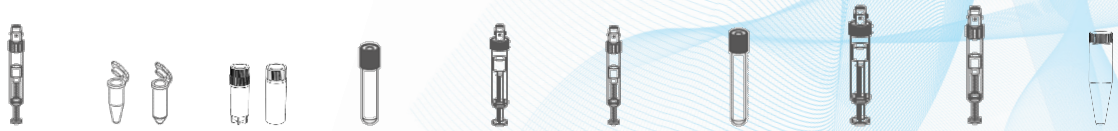


Accessories



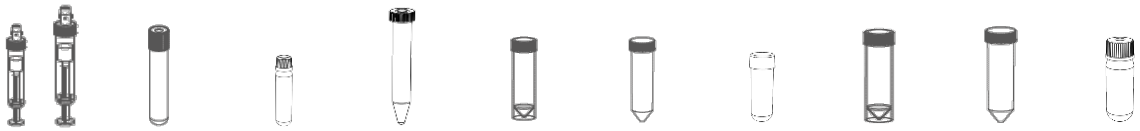
Ref.	AFI-RA8-50

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 102	83 | 97	74 | 88	71 | 85	87			95			95
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	30x85	30x70
Radius 102	95		85	97	99	95	98	101	102	101
Ref.	AFI-50R10*		AFI-50R10-OAK*	AFI-50R15C*	AFI-50R30S*	AFI-50R30C*	AFI-50R30-OAK*	AFI-50R50S*	-	AFI-50R50-OAK*

* Set of 8

FIXED ANGULAR ROTORS

Accessories selection guide



Angular rotor 6x50ml - 25° - Sealed

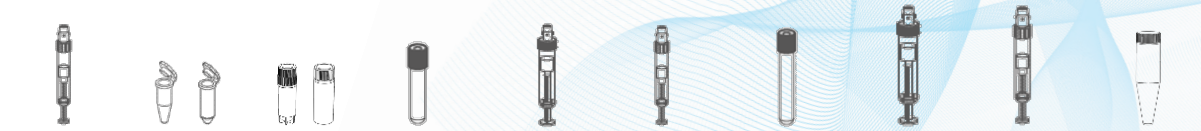
Model	R
Max Capacity	6x 50mL
Angle	25°
RPM Max	12 000
ACR Max	16 421

Accessories



Ref.	AFI-RA6-50L

Tubes



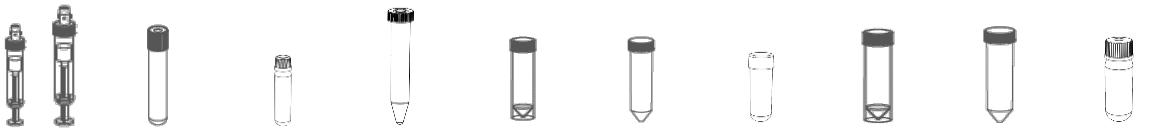
Capacity (ml)	1,1-1,4	1,5-2	1,5-2	1,6-5	2,6-4	2,7-3	5-7	4,9	4,5-5	10
Ø x L (mm)	8x82	11x38	12,5x40	13x75	13x81|91	11x82	13x100	13x106	11x108	21x90
Tubes per adapter / rotor	3|18	3|18	3|18		1|6			1|6		1|6

Adapter



Hole Ø x L(mm)	9x50	11,25x40	13x30		13,5x58			13,5x78		22x80
Radius 102	85|99	76|90	72|87		89			97		97
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

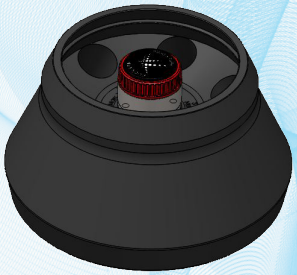
Adapter



Hole Ø x L(mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x85	30x70
Radius 102	97		87	99	101	97	100	102	102	102
Ref.	**AFI-50R10***		**AFI-50R10-OAK***	**AFI-50R15C***	**AFI-50R30S***	**AFI-50R30C***	**AFI-50R30-OAK***	**AFI-50R50S***	-	**AFI-50R50-OAK***

* Set of 6

Angular rotor 6x50ml - 25°



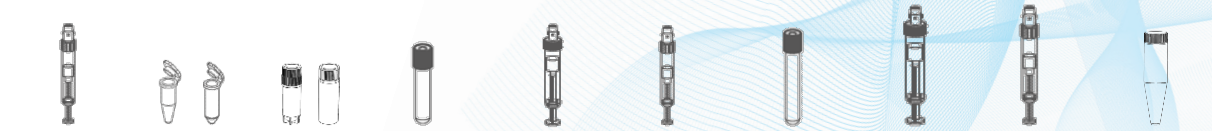
Model	R
Max Capacity	6x 50mL
Angle	25°
RPM Max	9 500
ACR Max	10 292

Accessories



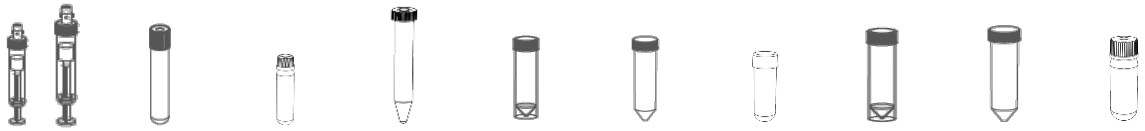
Ref.	AFI-RA6-50

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 102	85|99	76|90	72|87	89			97			97
Ref.	AFI-50R1*	AFI-50R2*	AFI-50R2CRYO*	AFI-50R5*			AFI-50R7*			AFI-50R10C*

Tubes

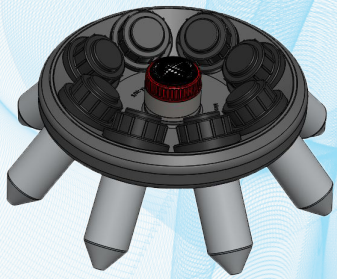


Capacity (ml)	4-8,5	7-10	10	15	30	30	30	50	50	50
Ø x L (mm)	15x91|108	16x100	16x85	17x120	25x110	25x110	25x95	29x115	29x115	29x107
Tubes per adapter / rotor	1|6		1|6	1|6	1|6	1|6	1|6	1|6	1|6	1|6
Adapter										
Hole Ø x L(mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x85	30x70
Radius 102	97		87	99	101	97	100	102	102	102
Ref.	AFI-50R10*		AFI-50R10-OAK*	AFI-50R15C*	AFI-50R30S*	AFI-50R30C*	AFI-50R30-OAK*	AFI-50R50S*	-	AFI-50R50-OAK*

* Set of 6

FIXED ANGULAR ROTORS

Accessories selection guide



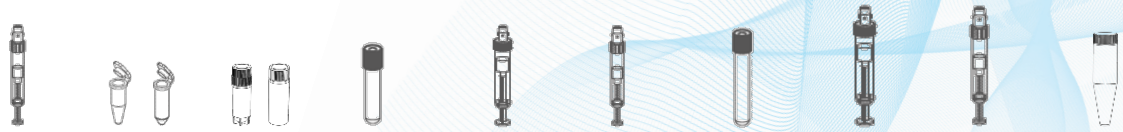
Angular rotor 8x50ml - 40° - Sealed

Model	R
Max Capacity	8x 50mL
Angle	40°
RPM Max	5 600
ACR Max	4 944

Accessories



Ref.	AFI-FA8-50



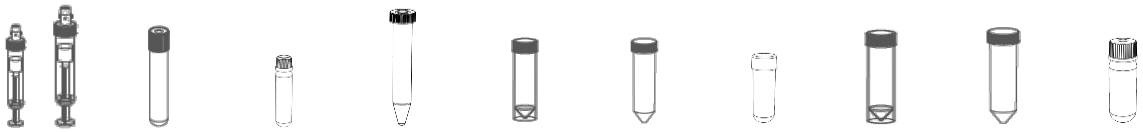
Tubes

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 141	122|136	113|127	110|124	126			134			134
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

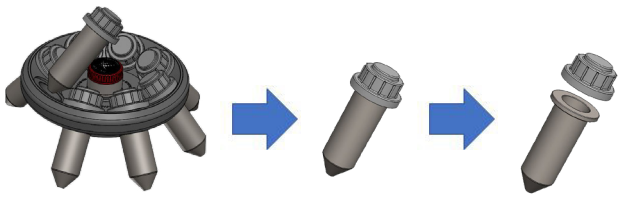
Adapter



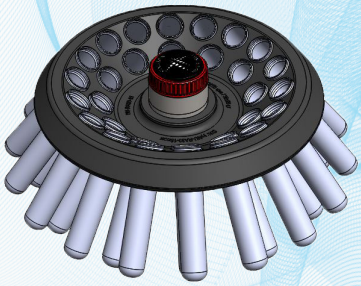
Hole Ø x L(mm)	17x78		17x70	18x80	26x60	26x60	26,5x70	30x70	30x70	30x70
Radius 141	134		124	136	138	134	137	140	141	140
Ref.	**AFI-50R10***		**AFI-50R10-OAK***	**AFI-50R15C***	**AFI-50R30S***	**AFI-50R30C***	**AFI-50R30-OAK***	**AFI-50R50S***	-	**AFI-50R50-OAK***

* Set of 8

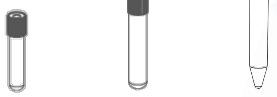
Ideal for your sensitive samples.
Sealed and individually removable adapters.
Guaranteed safety throughout your analysis protocol, before, during and after centrifugation



Angular rotor 30x15ml - 37°



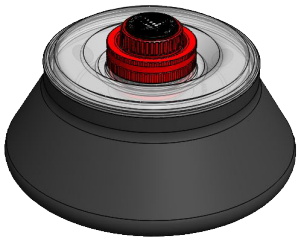
Model	R
Max Capacity	30x 15mL
Angle	37°
RPM Max	4 700
ACR Max	3 482



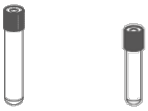
Tubes				
Capacity (ml)	-	1,6-5	7-10	15
Ø x L (mm)	-	13x75	16x100	17x120
Tubes per adapter / rotor	-	1|30	1|30	1|30
Accessories				
Hole Ø x L(mm)	18x98	13,5x78	17x78	18x98
Radius	122|141	96|115	110|129	118|136
Ref.	**AFI-RA30-15**	**AFI-15R5***	**AFI-15R10***	**AFI-15R15C***

* Set of 30

Angular rotor 10x10ml - 30° - Sealed



Model	R
Max Capacity	10x 10mL
Angle	30°
RPM Max	8 700
ACR Max	8 885



Tubes		
Capacity (ml)	7-10	1,6-5
Ø x L (mm)	16x100	13x75
Tubes per adapter / rotor	10	1|10
Accessories		
Hole Ø X L(mm)	17x71	13,5x78
Radius	105	80
Ref.	**AFI-RA10-10**	**AFI-10R5***

* Set of 10

FIXED ANGULAR ROTORS

Accessories selection guide

Angular rotor 16x5ml - 45° - Sealed

Model	R
Max Capacity	16x 5mL
Angle	45°
RPM Max	14 200
ACR Max	24 347

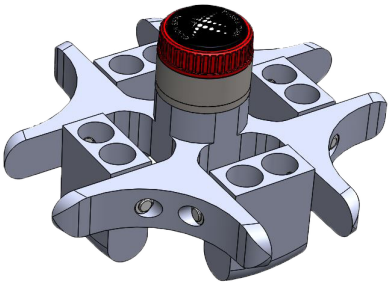


Tubes						SPIN-COLUMNS
Capacity (ml)	5	0,2	0,25	0,5	2	2
Ø x L (mm)	16,5x60	6x18		8x30	11x38	11x38
Tubes per adapter / rotor	16	1|16	1|16	1|16	1|16	1|16
Accessories						
Hole Ø X L(mm)	17x57		7x39	8,3x39	11,2x41	11,2x39
Radius	108	79	80	82	95	95
Ref.	**AFI-RA16-5**	**AFI-5R025***	**AFI-5R05***	**AFI-5R05**	**AFI-5R2**	**AFI-5R2SC**

* Set of 16

Angular rotor 8x5ml - 90°

Model	R
Max Capacity	8x 5mL
Angle	90°
RPM Max	10 000
ACR Max	11 739

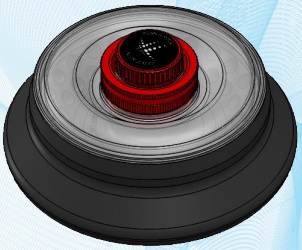


Tubes					
Capacity (ml)	5	0,2	0,25	0,5	2
Ø x L (mm)	16,5x60	6x18		8x30	11x38
Tubes per adapter / rotor	16	1|16	1|16	1|16	1|16
Accessories					
Hole Ø X L(mm)	17x57		7x39	8,3x39	11,2x41
Radius	105	79	80	82	95
Ref.	**AFI-Rx8-5**	**AFI-5R025***	**AFI-5R05***	**AFI-5R05**	**AFI-5R2**

* Set of 8

Angular rotor 48x2ml - 45° - Sealed

Model	R
Max Capacity	48x 2mL
Angle	45°
RPM Max	12 700
ACR Max	18 213

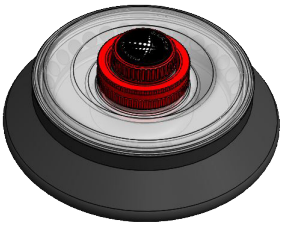


Tubes				
Capacity (ml)	1,5-2	0,2	0,25	0,5
Ø x L (mm)	11x38	6x18		8x30
Tubes per adapter / rotor	48	1|48	1|48	1|48
Accessories				
Hole Ø X L(mm)	11,2x41		7x39	8,3x39
Radius	91|101	89|99	89|99	89|99
Ref.	**AFI-RA48-2**	**AFI-2R05***	**AFI-2R025***	**AFI-2R05***

* Set of 6

Angular rotor 30x2ml - 45° - Sealed

Model	R
Max Capacity	30x 2mL
Angle	45°
RPM Max	14 000
ACR Max	21 694



Tubes				
Capacity (ml)	1,5-2	0,2	0,25	0,5
Ø x L (mm)	11x38	6x18		8x30
Tubes per adapter / rotor	30	1|30	1|30	1|30
Accessories				
Hole Ø X L(mm)	11,2x41		7x39	8,3x39
Radius	99	97	97	97
Ref.	**AFI-RA30-2**	**AFI-2R05***	**AFI-2R025***	**AFI-2R05***

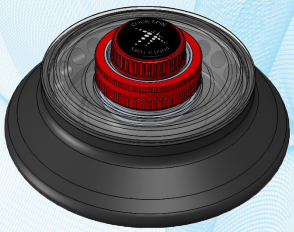
* Set of 6

FIXED ANGULAR ROTORS

Accessories selection guide

Angular rotor 24x2ml - 45° - Sealed

Model	R
Max Capacity	24x 2mL
Angle	45°
RPM Max	18 000
ACR Max	31 514



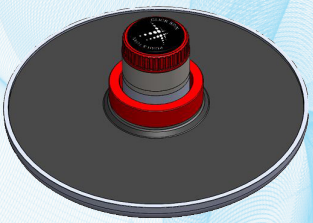
Tubes					SPIN COLUMN
Capacity (ml)	**1,5-2**	**0,2**	**0,25**	**0,5**	**2**
Ø x L (mm)	11x38	6x18		8x30	11x38
Tubes per adapter / rotor	24	1|48	1|48	1|48	24
Accessories					
Hole Ø X L(mm)	11,2x41		7x39	8,3x39	11,2x41
Radius	87	85	85	85	87
Ref.	**AFI-RA24-2**	**AFI-2R05***	**AFI-2R025***	**AFI-2R05***	**AFI-RA24-2SC**

* Set of 6

COMING SOON

Hematocrit Rotor - Sealed

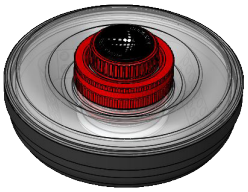
Model	R
Max Capacity	24
Angle	90°
RPM Max	12 200
ACR Max	16 973



Tubes		
Capacity (ml)	-	
Ø x L (mm)	1,6x76	
Tubes per adapter / rotor	24	
Accessories		
		
Hole Ø X L(mm)	2,6x80	
Radius	102	
Ref.	**AFI-RAH-24**	

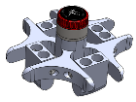
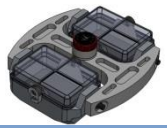
Angular rotor PCR8x8ml - 60° - Sealed

Model	R
Max Capacity	8x PCR
Angle	60°
RPM Max	15 000
ACR Max	16 099



Tubes		
Capacity (ml)	**8x0,2**	
Ø x L (mm)	6x22	
Tubes per adapter / rotor	8	
Accessories		
		
Hole Ø X L(mm)	6,2x16,5	
Radius	60|64	
Ref.	**AFI-RAPCR8-8**	

DATA SHEET

Spécifications - *Specifications*			
Modèle - ***Model***		Réfrigéré -*Refrigerated*	
Centrifugeuse de paillasse ***Benchtop centrifuge***			
Référence - ***Reference***		AFI-C060R-E	AFI-C060R
Tension nominale - ***Nominal voltage*** **(+/- 10%)**		230 V	120 V
Fréquence - ***Frequency***		50 Hz	60 Hz
Puissance alimentation max. - ***Power max.***		1100 W (460 W compressor)	1100 W (460 W compressor)
Conformité aux directives Européennes - Compliance with European directives			
98/79/CE : Dispositifs medicaux 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-RX150 Bucket AFI-BX150	4 x 150 ml
	RPM max.		4 700 rpm
	ACR max *Max. RCF*		3 704 g
Rotors Swing-out ***Swing-out rotors*** 	Capacité max. *Max. capacity*	Rotor AFI-RX8-5	8 x 5 ml
	RPM max.		10 000 rpm
	ACR max *Max. RCF*		11 739 g
Rotors Microplaques ***Microplate rotors*** 	Capacité max. *Max. capacity*	Rotor AFI-RHDW-150 Bucket AFI-BHDW-150	2x4 microplaques *2x4 microplates*
	RPM max.		4 700 rpm
	ACR max *Max. RCF*		2 964 g
Rotors Angulaires ***Fixed angle rotors*** 	Capacité max. *Max. capacity*	Rotor AFI-RA6-100	6 x 100 ml
	RPM max.	Rotor AFI-RA24-2	18 000 rpm
	ACR max *Max. RCF*		31 514 g
Couvercle - ***Lid***			✓
Dimensions & poids - *Dimensions & Weight*			
Dimensions (HxlxL) - ***Foot print Dimensions (HxWxD)***			29 x 44 x 72 cm
Dimensions emballage (HxlxL) - ***Package dimension (HxWxD)***			47 x 52 x 81 cm
Hauteur couvercle ouvert - ***Opened lid height***			72 cm
Poids net - ***Weight unpacked***			70 Kg
Poids emballé - ***Weight packed***			80 kg

Description de la centrifugeuse / Centrifuge description		
Référence - *Reference*	AFI-C060R-E	AFI-C060R
Ecran LCD 4.7'' ***4.7'' LCD screen***	✓	
Commandes ***Commands***	Touches tactiles *Tactiles Buttons*	
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***	Calibration ajustable (15g swing out et 3g rotors angulaires).Neutralisation automatique des vibrations liées à l'environnement. *Tunable calibration (15g for swing out & 3g for angular rotors). Automatic neutralization of vibrations due to environment*	
Mode économie d'énergie ***Energy saving mode***	Mode "Postcool" désactivable *Desactivable "Postcool" mode*	
Fermeture du couvercle ***Lid closing***	Fermeture manuelle & ouverture motorisée *Manual closing & motorized opening*	
Durées de cycle ***Cycle duration***	10 s à 99h:59min:59s & Impulsion *10 s to 99h:59min:59 s & 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+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***	Sans CFC *CFC free*	
Plage de réglage en température ***Range of setting temperature***	-10°C → +40°C	
Fonction de pré-refroidissement ***Precool function***	✓	
Précision en temperature ***Temperature accuracy***	+/- 2°C	
Dissipation de chaleur maximale ***Heat dissipation***	3 753 BTU/h	
Niveau sonore max. ***Max. noise***	≤ 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.

MADE IN FRANCE

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AFI Groups

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