

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 + Angular rotor 24x2 ml
AFI-MICROV-E	LIA Centrifuge Refrigerated + Angular rotor 24x2 ml
AFI-MICROV-E-PCR	LIA Centrifuge Ventilated + Angular rotor PCR
AFI-MICROV-E-PCR	LIA Centrifuge Refrigerated + Angular rotor PCR
AFI-MICROV-E-H	LIA Centrifuge Ventilated + Hematocrit rotor

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	6x13	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



FIXED ANGULAR ROTORS

Accessories selection guide

Angular rotor 12x5ml (micro conical bottom) - 45° - Sealed

Model	V	R
Max Capacity	12 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 (micro round bottom) - 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 18



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



HEMATOCRIT CENTRIFUGE

LIA ventilated + 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-MICROV-E-H



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DATA SHEET

Spécifications - Specifications			
Modèle - Model		Ventilé - Ventilated	Réfrigéré - Refrigerating
Centrifugeuse de paillasse Benchtop centrifuge			
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)