orto alresa

About centrifugation

ortoalresa

History

Ortoalresa was born in 1949 as centrifuges manufacturer. 70 years later, is a proud be a reference in European manufacturers scene, concerning centrifugation, sharing experiences with our customers worldwide. Being product specialist is a skill that drive us to produce solutions for a huge range of applications as diverse as operating rooms, kitchen, farms, etc, producing centrifuges for IvD, Medical Device and several industrial uses.

Our vision

To make centrifugation easily accessible for each application.

Our mission

- Support life science and industry offering solutions in samples separation.
- Cross the laboratory borders, discovering applications of centrifugation in every field.

Our values

- Service excellence.
- Know-how about separation by centrifugation.
- High flexibility.
- ISO 13485: Medical Devices.
- ISO 9001.
- Customized solutions based on customer application.

Our promise

- Regulatory compliance.
- Reliability.
- Produce sustainable solutions.
- Satisfaction.

Our strengths

- The expertise of our team.
- Wide experience in centrifugation and its application.
- Be a partner further than a supplier.

Our advantages

- Creating efficient and sustainable devices.
- User focused.
- Leading refrigeration in centrifuges.
- Complying the last Regulation for F-gases.
- Using CFC free gas, non-flammable, economic and easily found in the market.

Projecting a solution

- Analysis about the customer needs.
- Develop a theory model.
- Prototyping.

Manufacturing

- Parts efficiently adapted to the application.
- Accrediting the process through documents.
- Tailor-made devices.

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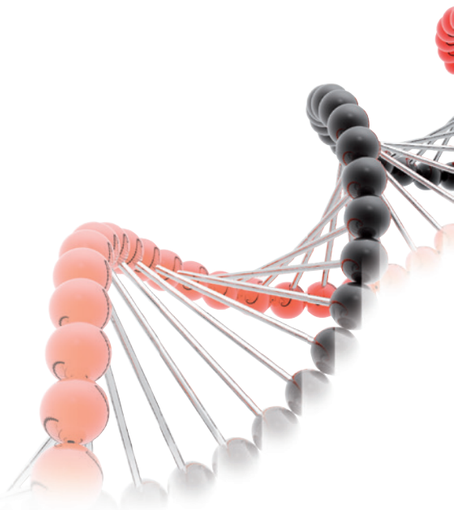
BIOTECHNOLOGY
ENERGY
PHARMA
LIFE SCIENCES
CHEMISTRY
FOOD INDUSTRY
RESEARCH
NANOTECHNOLOGY
REGENERATIVE MEDICINE
CELL CULTURE



ICONOGRAPHY

Beside the centrifuges, we can find these icons providing general information

LED : provided with LED screen

LCD : provided with LCD screen

TFT : provided with TFT colour touch screen

: refrigerated unit

start delay : to program the moment the cycle should begin

And information of our exclusive features

PCBS : Progressive Controlled Braking System, up to 175 selectable ramps that prevents sample homogenization after separation

ULS : Unbalancing Location System, indicating on the TFT screen the number of the bucket which produces the unbalance switch off

linked : Permits the linking of up to 8 consecutive programmes without the need for user intervention

GENERAL APPLICATIONS

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Mini centrifuge

Minicen LCD

Max. capacity: 12 x 1.5-2 ml.
Max. RCF: 15,596 xg
Max. speed: 15,000 RPM

This centrifuge includes rotor for 12 tubes of 1.5-2 ml.

Small centrifuge

Microcen 24 LED

Max. capacity: 10 x 15 ml.
Max. RCF: 6,511 xg
Max. speed: 8,000 RPM

This centrifuge includes rotor for 8 tubes of 15 ml.

Microcentrifuges

Biocen 22 LED

Max. capacity: 24 x 2 ml. / 12 x 5 ml.
Max. RCF: 21,885 xg
Max. speed: 15,000 RPM

Biocen 22R LCD PCBS

Max. capacity: 8 x 15 ml.
Max. RCF: 31,865 xg
Max. speed: 18,100 RPM

Universal

Bioprocen 22R LCD PCBS

Max. capacity: 6 x 50 ml.
Max. RCF: 31,865 xg
Max. speed: 18,100 RPM

Unicen 21 LED

Max. capacity: 4 x 100 ml.
Max. volume: 480 ml.
Max. RCF: 2,938 xg
Max. speed: 4,200 RPM

GENERAL APPLICATIONS

ortoalresa

Universal

Series Digicen 21

Digicen 21

LCD PCBS

Max. capacity: 4 x 100 ml.
Max. volume: 480 ml.
Max. RCF: 26,480 xg
Max. speed: 16,500 RPM

Digicen 21R

LCD PCBS

CENTRIFUGE	ROTOR	ROTOR TYPE	CAPACITY	RPM	RCF
MINICEN	RT 255	Angle fixed	12x1,5-2ml	15,000	15,596
	RT 263	Angle fixed	16x0,2 ml	15,000	13,080
MICROCEN 24	RT 246	Angle fixed	8x15 ml	8,000	6,511
	RT 247	Angle fixed	12x5 ml	8,000	5,152
	RT 248	Angle fixed	10x15 ml	8,000	6,368
BIOCEN 22	RT 227	Angle fixed	24x1,5-2 ml	15,000	20,627
	RT 228	Horizontal	24x1,5x75 mm	15,000	21,885
	RT 229	Angle fixed	32x0,2 ml	15,000	13,835
	RT 254	Angle fixed	12x5 ml	15,000	21,884
BIOCEN 22 R	RT 224	Angle fixed	32x0,2 ml	18,100	20,145
	RT 222	Angle fixed	24x1,5-2 ml	18,100	30,034
	RT 252	Angle fixed	12x5 ml	18,100	31,865
	RT 223	Angle fixed	8x15 ml	8,000	6,511
BIOPROCEN 22 R	RT 291	Angle fixed	12x5 ml	18,100	31,865
	RT 274	Angle fixed	6x50 ml	8,300	7,778
	RT 275	Angle fixed	30x1,5-2 ml	12,000	15,445
	RT 276	Angle fixed	4/2 microtiter	4,500	1,947
UNICEN 21	RT 177	Swing out	8x15 ml	4,200	2,860
	RT 260	Swing out	28x15 ml	4,200	2,899
	RT 175	Swing out	4x50 ml	4,200	2,860
	RT 173	Swing out	4x100 ml	4,200	2,899
	RT 226	Angle fixed	8x15 ml	4,200	1,795
	RT 163	Angle fixed	24x15 ml	4,200	2,603
	RT 256	Angle fixed	32x15 ml	4,200	2,938
	RT 167	Angle fixed	6x50 ml	4,200	2,603
DIGICEN 21 / 21 R	RT 267	Swing out	28x15 ml	5,000	4,108
	RT 143	Swing out	4x50 ml	5,300	4,554
	RT 138	Swing out	4x100 ml	5,000	4,109
	RT 150	Swing out	6/4/2 microtiter	4,000	2,182
	RT 183	Angle fixed	32x0,2 ml	16,500	16,741
	RT 151	Angle fixed	24x1,5-2 ml	16,500	24,959
	RT 253	Angle fixed	12x5 ml	16,500	26,480
	RT 110	Angle fixed	24x5 ml	6,500	5,338
	RT 108	Angle fixed	24x15 ml	5,000	3,689
	RT 266	Angle fixed	32x15 ml	4,200	2,938
	RT 121	Angle fixed	6x50 ml	6,000	5,313
	RT 152	Angle fixed	12x10 ml	15,000	19,621
	RT 153	Angle fixed	8x30 ml	13,500	18,746
	RT 154	Angle fixed	6x50 ml	9,000	9,146

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GENERAL APPLICATIONS

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High capacity

Series Consul 22

Consul 22

Max. capacity: 4 x 400 ml.
Max. RCF: 21,948 xg
Max. speed: 14,300 RPM

TFT · PCBS · ULS · linked · start delay

Consul 22R

TFT · PCBS · ULS · linked · start delay

High capacity

Series Digtor 22

Digtor 22

Max. capacity: 4 x 750 ml.
Max. RCF: 21,948 xg
Max. speed: 14,300 RPM

TFT · PCBS · ULS · linked · start delay

Digtor 22R

TFT · PCBS · ULS · linked · start delay

Floor standing

Series Magnus 22

Magnus 22

Max. capacity: 4 x 750 ml.
Max. RCF: 21,948 xg
Max. speed: 14,300 RPM

TFT · PCBS · ULS · linked · start delay

Magnus 22R

TFT · PCBS · ULS · linked · start delay

GENERAL APPLICATIONS

ortoalresa

High capacity

Dilitcen 22R

Max. capacity: 4 x 1,000 ml.
Max. RCF: 21,948 xg
Max. speed: 14,300 RPM

TFT · PCBS · ULS · linked · start delay

CENTRIFUGE	ROTOR	ROTOR TYPE	CAPACITY	RPM	RCF
CONSUL 22 / 22 R	RT 285	Swing out	4x250 ml	4,200	3,609
	RT 286	Swing out	4x400 ml	4,000	3,220
	RT 288	Swing out	12/8/4 microtiter	3,500	2,041
	RT 297*	Swing out	10/6/2 microtiter 2 microtiter (h: 80 mm)	4,500	3,758
	RT 280	Angle fixed	8x50 ml	6,000	5,997
	RT 281	Angle fixed	4x100 ml	5,600	4,838
	RT 282	Angle fixed	4x250 ml	4,700	3,779
	RT 292	Angle fixed	6x85 ml	9,000	10,142
	RT 287	Angle fixed	30x1,5-2 ml	14,300	21,948
DIGTOR 22 / 22 R	RT 279	Swing out	104x5 ml	3,800	2,987
MAGNUS 22 / 22 R	RT 301	Swing out	104x10 ml	3,800	2,987
	RT 278	Swing out	4x250 ml	4,200	3,984
	RT 299	Swing out	6x250 ml	2,500	1,481
	RT 277	Swing out	4x750 ml	3,700	3,122
	RT 284	Swing out	12/8/4 microtiter	3,700	2,786
	RT 297*	Swing out	10/6/2 microtiter 2 microtiter (h: 80 mm)	4,500	3,758
	RT 283*	Swing out	4 blood bags	3,700	3,122
	RT 280	Angle fixed	8x50 ml	6,000	5,997
	RT 281	Angle fixed	4x100 ml	5,600	4,838
	RT 282	Angle fixed	4x250 ml	4,700	3,779
	RT 287	Angle fixed	30x1,5-2 ml	14,300	21,948
	RT 292	Angle fixed	6x85 ml	9,000	10,142
DILITCEN 22 R	RT 279	Swing out	104x5 ml	3,800	2,987
	RT 301	Swing out	104x10 ml	3,800	2,987
	RT 278	Swing out	4x250 ml	4,200	3,984
	RT 299	Swing out	6x250 ml	2,500	1,481
	RT 277	Swing out	4x750 ml	3,700	3,122
	RT 265	Swing out	4x1,000 ml	4,000	3,667
	RT 284	Swing out	12/8/4 microtiter	3,700	2,786
	RT 297*	Swing out	10/6/2 microtiter 2 microtiter (h: 80 mm)	4,500	3,758
	RT 283*	Swing out	4 blood bags	3,700	3,122
	RT 280	Angle fixed	8x50 ml	6,000	5,997
	RT 281	Angle fixed	4x100 ml	5,600	4,838
	RT 282	Angle fixed	4x250 ml	4,700	3,779
	RT 287	Angle fixed	30x1,5-2 ml	14,300	21,948
	RT 292	Angle fixed	6x85 ml	9,000	10,142

*only available for refrigerated models

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A real advantage to work with us because

We want to complete your project

- We realise that the centrifugation is not the end of your project, just one part.

We are a reliable company

- Our wide experience in centrifugation and our team is devoted in offering solutions.

You will find a real partner

- Someone who will assist you advising, bringing to the selection and supporting you before, during and after sales.

We are focussed on results

- Achieving the best solution obtainable considering all the conditioning factors.

We are manufacturers

- Therefore we can cover any aspect of the product and its application.

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About centrifugation

Made in Spain (EU)

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