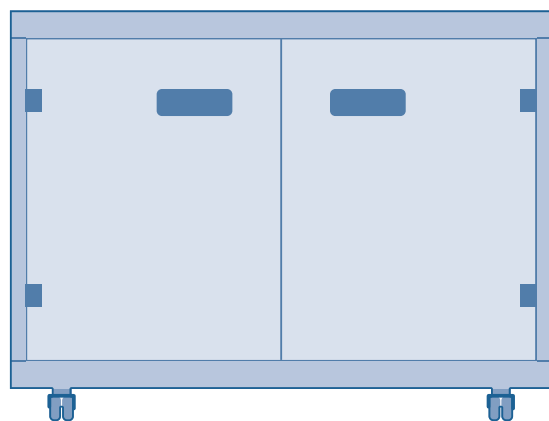


Centrifuge tables

Sigma centrifuge tables are available in six different sizes. Matched to the corresponding centrifuge dimensions, they combine convenient work height with an optimally calculated footprint. The tables are made from coated sheet steel and are equipped with a storage compartment (with two doors) and a convenient pull-out shelf. Lockable castors allow the centrifuge tables to be easily moved and positioned in the laboratory.



Centrifuge table 17920

For Sigma 2-16KL
W x H x D [mm]: 600 x 501 x 550

Centrifuge table 17921

For Sigma 6-16KS
W x H x D [mm]: 790 x 515 x 684

Centrifuge table 170001

For Sigma 4-5KL
W x H x D [mm]: 605 x 581 x 635

Centrifuge table 17922

For Sigma 6-16S
W x H x D [mm]: 581 x 481 x 684

Centrifuge table 17923

For Sigma 3-30KS
W x H x D [mm]: 570 x 481 x 616

Centrifuge table 170400

For Sigma 3-16T, 3-17KT
W x H x D [mm]: 460 x 581 x 718

Centrifuge table 17926

For Sigma 3-16KL, 3-18KS, 4-16KS
W x H x D [mm]: 650 x 501 x 647

Centrifuge table 17927

For Sigma 3-16L, 4-5L, 4-16S
W x H x D [mm]: 490 x 497 x 647

Premium Quality

Made in Germany

The Sigma 3-16T and Sigma 3-17KT meet the highest technical requirements of laboratory standards. Developed and produced at our facility in Osterode, Germany, they are high-performance, durable and energy-efficient quality products and conform to the latest safety, emissions and environmental standards. Sigma guarantees the availability of spare parts and wearing parts for at least 10 years. Furthermore, you benefit from our extensive services portfolio, including commissioning, maintenance, device calibration

and more. Our qualified service technicians are ready to provide professional maintenance and repair as well as loaner devices if necessary. All support services are designed to ensure reliability and optimise system availability.

	Sigma 3-16T	Sigma 3-17KT
Max. capacity [ml]		
Swing-out rotor	4 x 400	4 x 400
Fixed-angle rotor	6 x 94	6 x 94
Max. RCF	23,723	25,559
Maximum speed [rpm]	15,800	16,400
Minimum speed [rpm]	100	100
Noise level at maximum speed (approx.) [dB(A)]		
Fixed-angle rotor 12154	≤ 64	≤ 61
Swing-out rotor 11180 with bucket 13190	≤ 65	≤ 56
Max. acceleration time [s]		
Fixed-angle rotor 12154	≤ 34	≤ 42
Swing-out rotor 11180 with bucket 13190	≤ 73	≤ 78
Max. braking time [s]		
Fixed-angle rotor 12154	≤ 38	≤ 46
Swing-out rotor 11180 with bucket 13190	≤ 61	≤ 68
Temperature adjustment range [°C]	–	-20 – +40
Power consumption [W]	1,000	1,400
Height x width x depth [mm]	337 x 460 x 521	337 x 460 x 716
Height with open lid [mm]	755	755
Weight without rotor [kg]	50	75
Refrigerant	–	R452a*
Filling quantity [kg] / Max. permissible pressure [bar]	–	0,18 / 27
CO ₂ equivalent [t]	–	0,385

* Contains fluorinated greenhouse gases in a hermetically sealed refrigeration system. (EU) 2024/2729; 2028-DEC-31



Calibration

Documented proof of compliance with essential technical parameters.

Speed or run time (item no. 17713)
 Speed and run time (item no. 17714)
 Speed, run time, temperature (item no. 17715)

Device qualification (IQOQ)

This comprehensive device qualification includes installation qualification and metrological checking of all functional parameters with a rotor.

IQOQ documents (item no. 170000)
 IQOQ on site (upon request)

Sigma 3-16T centrifuge
 100-240 V 50/60 Hz (item no. 100018)

Sigma 3-17KT centrifuge
 220-240 V 50 Hz (item no. 100025)
 100 V 50/60 Hz (item no. 100026)
 120 V 60 Hz (item no. 100027)

Sigma 3-16T centrifuge, IVD Version
 100-240 V 50/60 Hz (item no. 100023)

Sigma 3-17KT centrifuge, IVD-Version
 220-240 V 50 Hz (item no. 100028)
 100 V 50/60 Hz (item no. 100029)
 120 V 60 Hz (item no. 100030)



Product portfolio

Sigma offers a broad product portfolio with more than 25 laboratory centrifuges. They can be combined with an extensive range of fixed-angle and swing-out rotors and a large variety of accessories to obtain the right device configuration for every application.



Microcentrifuge
Sigma 1-16

- 36 x 2 ml
- 15,000 rpm
- 20,627 x g

Floor-standing centrifuge
Sigma 8KS

- 12 x 1,000 ml
 - 5,100 rpm
 - 8,578 x g
-
- 6 x 1,000 ml
 - 10,500 rpm
 - 20,461 x g



Benchtop centrifuge
Sigma 2-7

- 4 x 100 ml
 - 4,000 rpm
 - 2,540 x g
-
- 30 x 15 ml
 - 4,000 rpm
 - 2,486 x g



Benchtop centrifuge
Sigma 3-30KS

- 4 x 100 ml
 - 5,000 rpm
 - 3,969 x g
-
- 6 x 94 ml
 - 30,000 rpm
 - 70,121 x g



Robot centrifuge
Sigma 4-5KRL

- 100 x 15 ml
- 4,700 rpm
- 4,470 x g

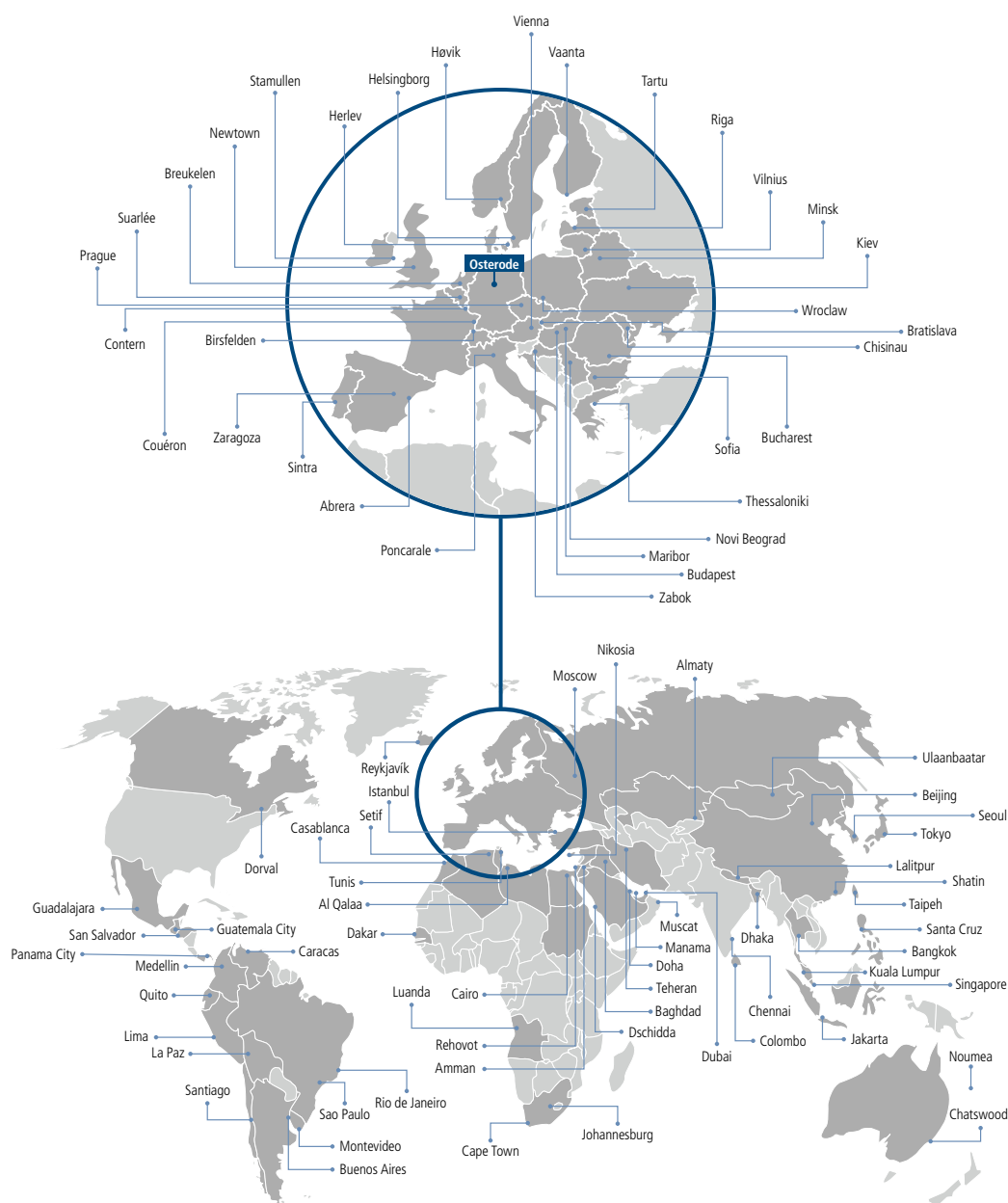
Legend

- Max. capacity
- Max. speed
- Max. RCF
- Swing-out rotor
- Fixed-angle rotor

Global service

For local product security

Our trained service partners in over 100 countries ensure consistently high quality in accordance with national regulations. Our specialists can also be engaged quickly around the world, either remotely or on site in person.



Selected locations of our representatives.

An overview of all representatives with detailed contact information can be found at www.sigma-zentrifugen.de/en/sales-partners



LABEX
OF SCANDINAVIA

Distributed by LABEX in Scandinavia

Contact us for information
Sweden +46 (0)42 32 40 00
Norway +47 66 79 90 20
Denmark +45 45 66 13 00
sales@labex.com
www.labex.com

Sigma Laborzentrifugen GmbH

An der Unteren Söse 50
37520 Osterode am Harz
Tel. +49 (0) 55 22 / 50 07-0
Fax +49 (0) 55 22 / 50 07-12
info@sigma-zentrifugen.de
www.sigma-zentrifugen.de