Sigma 4-16KS

Benchtop centrifuge



The refrigerated 4-16KS centrifuge is ideal for large laboratories, since it features outstanding performance, intuitive operation and high capacities. Volumes of up to 3 litres (4 x 750 ml) can be processed as well as up to 60 cell culture tubes per run. In many cases with best-in-class RCF for this centrifuge segment. This versatility makes the 4-16KS the perfect choice for high and low throughput cell culture and cell harvest applications. Up to 60 routine procedures can be stored with user-defined names and quickly retrieved from the integrated process library.

Highlights

- Max. 60 x 15 ml / 28 x 50 ml culture tubes
- 60 programs
- Controller with 10 selectable languages
- Motorized lid locks
- 30 acceleration / braking curves

Cell culture packages for conical 15 ml and 50 ml tubes

Rotor 11650 + bucket 13450

- Max. speed: 4,700 rpm
- Max. RCF: 4,643 x g



	Without Cap 19		With Biosafe Cap 20	
Tube	Adapter	Capacity	Adapter	Capacity
15 ml	17660	60	17659	48
50 ml	17649	28	17677	20

Rotor 11150 + bucket 13235

- Max. speed: 5,100 rpm
- Max. RCF: 5,525 x g



	Without Cap 21	
Tube	Adapter	Capacity
15 ml	13060	28
50 ml	–	28

Sigma 4-16KS + rotor 11650 +

19 4 x bucket 13450 + 4 x adapter 17660 + 4 x adapter 17649

20 4 x bucket 13450 + 4 x adapter 17659 + 4 x adapter 17677 + 4 x cap 17170

Sigma 4-16KS + rotor 11150 +

21 4 x bucket 13235

A selection of further available rotor options

Swing-out rotor 11660 + bucket 13450

- Max. capacity: 4 x 750 ml
- Max. speed: 5,100 rpm
- Max. RCF: 5,467 x g
- Biosafe with cap 17170



Swing-out rotor 11660 + MTP bucket 13421

- Max. capacity: 16 microtiter plates
- Max. speed: 5,100 rpm
- Max. RCF: 4,565 x g



Fixed-angle rotor 12356

- Max. capacity: 6 x 250 ml
- Max. speed: 9,000 rpm
- Max. RCF: 13,131 x g
- Biosafe with lid 17603



Further information can be found at www.sigma-zentrifugen.de/en/products/centrifuges