

Culture tubes with screw cap

Brand



Soda-lime glass tube, PP screw cap with white elastomer seal

- Autoclavable (+121 °C)
- Wall thickness 1 mm
- GL thread



Thread	RCF max. (*g)	Ø×L (mm)	Pk	Cat. No.
GL 14	3000	12×100	100	391-0033
GL 18	3000	16×100	100	391-0034
GL 18	1800	16×160	100	391-0035
GL 18	1100	18×180	100	391-0160

Bioreactors, disposable, SuperSpinner D1000

Sartorius Stedim Biotech



The SuperSpinner D 1000 is a fully disposable, pre-assembled and ready-to-use bioreactor for efficient lab scale cultivation of animal cells. The main feature of the SuperSpinner D 1000 is a membrane stirrer, which allows controlled and gentle mixing, bubble-free aeration, and avoids foam generation. Applications include lab scale production of recombinant proteins, monoclonal antibodies and biomass as seed culture (the cultivation broth can be transferred directly from the SuperSpinner D 1000 into a larger bioreactor). Recommended working volume 200 to 800 ml per flask.



A hollow-fibre membrane is wound around the stirrer bar, which contains a magnetic core driven by a magnetic drive unit. A membrane gas pump feeds ambient air through a sterile filter into the flask.

- Fully pre-assembled, disposable, sterile and ready-to-use
- High cell densities can be achieved due to the efficient membrane-gassing and agitation system
- A clamp adapter, which fits to common laboratory syringes, ensures safe and easy sampling in place during cultivation
- Feeding with supplements is possible at any time by using the spare port, which is covered with a Luer-Lock connector
- Centrifugation of the suspension can be carried out in the cultivation flask, which has a format that fits a wide range of standard rotors

Delivery information: Each pack contains two SuperSpinner D 1000 bioreactors.

Description	Recommended working volume (ml)	Pk	Cat. No.
SuperSpinner D 1000	200 - 800	2	432-0099

Probe adapter closures

Nalgene®



PP, white with silicone seal

For use and insertion of 7 to 14 mm diameter probes into Nalgene® 1 l and 12 l fermenters.



- Seal separates environment from inside of vessel and prevents contamination when using a probe
- Thermal resistance from -135 to +135 °C
- For Nalgene® 1 l and 12 l fermenters

Description	Pk	Cat. No.
Probe adapter closures	2	734-5053