

DASGIP® Bioblock/SciVario® twin Spinner Vessels: 0.7 L Vessel

Technical data

Model	Order no.	76DS0700DSS
	Application	Cell culture
	Standard set-up	DASGIP Bioblock/SciVario twin
Bioreactor	Sterilization	Autoclavable
	Working volume (total)	250 mL – 0.7 L (1.5 L)
	Material vessels	Glass
	Head plate	Stainless steel, screw cap
	Head plate ports	1x M30, 7x Pg 13.5, 1x thermowell
	Autoclave dimensions (HxWxD)	510 mm x 250 mm x 150 mm
	Vessel weight (without accessories)	2794 g
	Agitation	Drive
	Impellers	1x pitched blade or 1x 8-blade
	Recommended agitation speed	30 – 1.250 rpm
Gassing	Gas supply	Overlay and/or sparger
Monitoring & control	Sensor size	220 mm
	T sensor	Pt100 RTD
	Exhaust condensation	Water-cooled



DASGIP Bioblock/SciVario twin Spinner Vessels (0.7 L, 1 L, and 1.5 L vessels)

Description

Eppendorf offers a line of advanced autoclavable spinner vessels suitable for temperature control with the compact DASGIP Bioblock or the SciVario twin temperature control block or heating blanket. These overhead driven spinner vessels feature a stainless steel head plate with standard ports, pitched-blade or 8-blade impellers, and two side arms. Covering a working volume range of 250 mL – 1.5 L they are perfectly suited for cell culture research and process development, including stem cell applications.

Product Features

- > Working volumes ranging from 250 mL – 1.5 L
- > Direct overhead drives with 30 – 1250 rpm (100 – 1600 rpm optional), pitched-blade impellers or 8-blade impellers
- > Industry standard sensors available for accurate monitoring and control of temperature, pH, DO, level and OD
- > Two GL45 side arms

Contents of vessel kit

Quantity	Order no.	Description	Quantity	Order no.	Description
1	78903193	DASGIP® Vessel , GPI 100, 2x GL 45 side arms, flat bottom, OD 110 x H 200 mm			
1	77101002	Stainless Steel Head Plate GPI 100 , with 7x Pg 13.5, 1x D6, 1x M30, o-ring, screw cap	1	78107157	Stainless Steel Head Plate OD 100 mm , with 7x Pg 13.5, 1x D6, 1x M30
			1	78706408	O-Ring , VMQ 70/Si 820, red, 88x3 (IDxd)
			1	78903225	Screw Cap for OD 100 mm Neck , PBT, with hole ID 90 mm, without gasket
2	78106122	GL 45 Screw Cap , PBT, closed, incl. PTFE-coated silicone washer	1	78106306	Silicone Rubber Septum , PTFE-coated, GL 45
			1	78903223	GL 45 Screw Cap , PBT, closed, blue, without washer
2	78532282	DASGIP® Compression Fitting , all parts included, ID 4 mm with Pg 13.5 male thread	1	*	DASGIP® Compression Fitting , stainless steel parts only, ID 4 mm with Pg 13.5 male thread
			1	78706351	Front Ferrule , PFA, for OD 4 mm DASGIP® compression fitting
			1	78706352	Back Ferrule , PFA, for OD 4 mm DASGIP® compression fitting
			1	78706406	O-Ring , VMQ 70/Si 820, red, 14x2 (IDxd)
			1	78706417	O-Ring , VMQ 70/Si 820, red, 4x1.5 (IDxd)
2	78532284	DASGIP® Compression Fitting , all parts included, ID 12 mm with Pg 13.5 male thread	1	*	DASGIP® Compression Fitting , stainless steel parts only, ID 12 mm with Pg 13.5 male thread
			1	78706355	Front Ferrule , PFA, for OD 12 mm DASGIP® compression fitting
			1	78706356	Back Ferrule , PFA, for OD 12 mm DASGIP® compression fitting
			1	78706406	O-Ring , VMQ 70/Si 820, red, 14x2 (IDxd)
			1	78706419	O-Ring , VMQ 70/Si 820, red, 12x1.5 (IDxd)
1	78525130	DASGIP® Lipseal Stirrer Assembly , with M30x1 seat, stirrer shaft d 8 mm x Li 199 mm			
1	78532236	3-Blade Impeller , 30° pitch, stainless steel, OD 50 mm, ID 8 mm			
1	78107023	Stainless Steel Pipe , with barb, OD 4 mm/ID 2 mm, L 225 mm			
1	78107102	Stainless Steel Pipe , with barb, OD 4 mm/ID 2 mm, L 270 mm			
1	77102003	Thermowell , M6, stainless steel, L 225 mm, ID 2 mm, Li 188 mm, complete	1	*	Thermowell , M6, stainless steel, L 225 mm, ID 2 mm, Li 188 mm
			1	78706135	Washer , M6, stainless steel
			1	78706171	Nut , M6, 316L stainless steel, electro-polished
			1	78706407	O-Ring , VMQ 70/Si 820, red, 6x2 (IDxd)
1	78510145	DASGIP® Sampling Accessory , with swabable valve for vessels type BS/DS/SR/DR			
1	78200119	Tubing Clamp (Mohr) , nickel-plated brass, L 50 mm			
1	78706414	DASGIP® Triple Port , with 3x OD 4 mm tubing, with Pg 13.5 male thread, all parts included	1	*	DASGIP® Triple Port , with 3x OD 4 mm tubing, with Pg 13.5 male thread, st. steel parts
			6	78706415	O-Ring , VMQ 70/Si 973, red, 4x1 (IDxd)
			1	78706406	O-Ring , VMQ 70/Si 820, red, 14x2 (IDxd)
3	78532036	Liquid Feed Connector Assembly			
1	77102006	DASGIP® Septum Holder , stainless steel, with septum, Pg 13.5 male, ID 12 mm	1	78106309	Silicone Rubber Septum , Pg 13.5, OD 18 mm/ID 12 mm
			1	78706409	DASGIP® Fitting , stainless steel, with Pg 13.5 male thread, ID 12 mm port
1	78532034	Filter Assembly , type 'Gas In'	1	78100156	Gas In- and Outlet Filter , 0.2 µm pore size, for tubes with OD 4 mm or ID 7 mm
			1	*	Cable Ties , 2.5 x 92 mm
			5	78105216	Silicone Tubing , ID 4 mm, OD 8 mm, W 2 mm
1	78704133	Hex Wrench , with ball shaped head, size 2 mm			

Accessories

1	77102050	Condenser , for DASGIP® culture vessel, complete, OD 30 mm			
1	78532281	DASGIP® Compression Fitting , all parts included, ID 12 mm with M18x1.5 male thread			
1	77102020	DASGIP® Blind Plug , stainless steel, all parts included, M6 male thread			
1	78532037	Filter Capsule Assembly , type 'Gas Out'			
1	78532345	Maintenance Kit , for Bioblock vessels, 0.5 L/0.7 L/1.0 L/1.5 L/1.8 L			
1	78532319	Maintenance/spare parts kit DASGIP lipseal stirrer assembly M30			
1	78532341	Maintenance/spare parts kit DASGIP lipseal stirrer assembly M30 for Applikon Vessels			

*Not for individual sale.

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