

DASGIP® Bioblock/SciVario twin® Spinner Vessels: 1.5 L Vessel

Technical data

Model	Order no.	76DS1500DSS	
	Application	Cell culture	
	Standard set-up	DASGIP Bioblock/SciVario twin	
Bioreactor	Sterilization	Autoclavable	
	Working volume (total)	350 mL – 1.5 L (2.3 L)	
	Material vessels	Glass	
	Head plate	Stainless steel, screw cap	
	Head plate ports	1x M30, 7x Pg 13.5, 1x thermowell	
	Autoclave dimensions (HxWxD)	610 mm x 250 mm x 150 mm	
	Vessel weight (without accessories)	3423 g	
	Agitation	Drive	Direct overhead drive
		Impellers	2x pitched blade or 2x 8-blade
Recommended agitation speed		30 – 1.250 rpm	
Gassing	Gas supply	Overlay and/or sparger	
Monitoring & control	Sensor size	320 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	78903200	DASGIP® Vessel , GPI 100, 2x GL 45 side arms, flat bottom, OD 110 x H 300 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	78525118	DASGIP® Lipseal Stirrer Assembly , w/ M30x1 seat, stirrer shaft d 8 mm x Li 298 mm			
2	78532236	3-Blade Impeller , 30° pitch, stainless steel, OD 50 mm, ID 8 mm			
2	78107178	Stainless Steel Pipe , with barb, OD 4 mm/ID 2 mm, L 370 mm			
1	77102030	Thermowell , M6, stainless steel, L 300 mm, ID 2 mm, Li 263 mm, complete	1	*	Thermowell , M6, stainless steel, L 300 mm, ID 2 mm, Li 263 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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