

# DASGIP® Bioblock Spinner Vessels: 1.5 L Vessel

## Technical data

<b>Model</b>	<b>Order no.</b>	<b>76DS1500DSS</b>
	Application	Cell culture
	Standard set-up	DASGIP Bioblock
<b>Bioreactor</b>	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
<b>Agitation</b>	Drive	Direct overhead drive
	Impellers	2x pitched blade
	Recommended agitation speed	30 – 1.250 rpm
<b>Gassing</b>	Gas supply	Overlay and/or sparger
<b>Monitoring &amp; control</b>	Sensor size	320 mm
	T sensor	Pt100 RTD
	Exhaust condensation	Water-cooled



## DASGIP Bioblock 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. These overhead driven spinner vessels feature a stainless steel head plate with standard ports, pitched-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.

### 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
- > 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	<b>DASGIP® Vessel</b> , GPI 100, 2x GL 45 side arms, flat bottom, OD 110 x H 300 mm			
1	77101002	<b>Stainless Steel Head Plate GPI 100</b> , with 7x Pg 13.5, 1x D6, 1x M30, o-ring, screw cap	1	78107157	<b>Stainless Steel Head Plate OD 100 mm</b> , with 7x Pg 13.5, 1x D6, 1x M30
			1	78706408	<b>O-Ring</b> , VMQ 70/Si 820, red, 88x3 (IDxd)
			1	78903225	<b>Screw Cap for OD 100 mm Neck</b> , PBT, with hole ID 90 mm, without gasket
2	78106122	<b>GL 45 Screw Cap</b> , PBT, closed, incl. PTFE-coated silicone washer	1	78106306	<b>Silicone Rubber Septum</b> , PTFE-coated, GL 45
			1	78903223	<b>GL 45 Screw Cap</b> , PBT, closed, blue, without washer
2	78532282	<b>DASGIP® Compression Fitting</b> , all parts included, ID 4 mm with Pg 13.5 male thread	1	*	<b>DASGIP® Compression Fitting</b> , stainless steel parts only, ID 4 mm with Pg 13.5 male thread
			1	78706351	<b>Front Ferrule</b> , PFA, for OD 4 mm DASGIP® compression fitting
			1	78706352	<b>Back Ferrule</b> , PFA, for OD 4 mm DASGIP® compression fitting
			1	78706406	<b>O-Ring</b> , VMQ 70/Si 820, red, 14x2 (IDxd)
			1	78706417	<b>O-Ring</b> , VMQ 70/Si 820, red, 4x1.5 (IDxd)
2	78532284	<b>DASGIP® Compression Fitting</b> , all parts included, ID 12 mm with Pg 13.5 male thread	1	*	<b>DASGIP® Compression Fitting</b> , stainless steel parts only, ID 12 mm with Pg 13.5 male thread
			1	78706355	<b>Front Ferrule</b> , PFA, for OD 12 mm DASGIP® compression fitting
			1	78706356	<b>Back Ferrule</b> , PFA, for OD 12 mm DASGIP® compression fitting
			1	78706406	<b>O-Ring</b> , VMQ 70/Si 820, red, 14x2 (IDxd)
			1	78706419	<b>O-Ring</b> , VMQ 70/Si 820, red, 12x1.5 (IDxd)
1	78525118	<b>DASGIP® Lipseal Stirrer Assembly</b> , w/ M30x1 seat, stirrer shaft d 8 mm x Li 298 mm			
2	78532236	<b>3-Blade Impeller</b> , 30° pitch, stainless steel, OD 50 mm, ID 8 mm			
2	78107178	<b>Stainless Steel Pipe</b> , with barb, OD 4 mm/ID 2 mm, L 370 mm			
1	77102030	<b>Thermowell</b> , M6, stainless steel, L 300 mm, ID 2 mm, Li 263 mm, complete	1	*	<b>Thermowell</b> , M6, stainless steel, L 300 mm, ID 2 mm, Li 263 mm
			1	78706135	<b>Washer</b> , M6, stainless steel
			1	78706171	<b>Nut</b> , M6, 316L stainless steel, electro-polished
			1	78706407	<b>O-Ring</b> , VMQ 70/Si 820, red, 6x2 (IDxd)
1	78510145	<b>DASGIP® Sampling Accessory</b> , with swabable valve for vessels type BS/DS/SR/DR			
1	78200119	<b>Tubing Clamp (Mohr)</b> , nickel-plated brass, L 50 mm			
1	78706414	<b>DASGIP® Triple Port</b> , with 3x OD 4 mm tubing, with Pg 13.5 male thread, all parts included	1	*	<b>DASGIP® Triple Port</b> , with 3x OD 4 mm tubing, with Pg 13.5 male thread, st. steel parts
			6	78706415	<b>O-Ring</b> , VMQ 70/Si 973, red, 4x1 (IDxd)
			1	78706406	<b>O-Ring</b> , VMQ 70/Si 820, red, 14x2 (IDxd)
3	78532036	<b>Liquid Feed Connector Assembly</b>			
1	77102006	<b>DASGIP® Septum Holder</b> , stainless steel, with septum, Pg 13.5 male, ID 12 mm	1	78106309	<b>Silicone Rubber Septum</b> , Pg 13.5, OD 18 mm/ID 12 mm
			1	78706409	<b>DASGIP® Fitting</b> , stainless steel, with Pg 13.5 male thread, ID 12 mm port
1	78532034	<b>Filter Assembly</b> , type 'Gas In'	1	78100156	<b>Gas In- and Outlet Filter</b> , 0.2 µm pore size, for tubes with OD 4 mm or ID 7 mm
			1	*	<b>Cable Ties</b> , 2.5 x 92 mm
			5	78105216	<b>Silicone Tubing</b> , ID 4 mm, OD 8 mm, W 2 mm
1	78704133	<b>Hex Wrench</b> , with ball shaped head, size 2 mm			

## Accessories

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

\*Not for individual sale.

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