

DASGIP® Bioblock/SciVario® twin Stirrer Vessels: 1 L Vessel

Technical data

Model	Order no.	76SR0700DLS
	Application	Microbiology
	Standard set-up	DASGIP Bioblock/SciVario twin
Bioreactor	Sterilization	Autoclavable
	Working volume (total)	200 mL – 1.0 L (1.3 L)
	Material vessels	Glass
	Head plate	Stainless steel, screw cap
	Head plate ports	1x M30, 7x Pg 13.5, 1x thermowell
	Autoclave dimensions (HxWxD)	500 mm x 110 mm x 150 mm
	Vessel weight (without accessories)	2798 g
Agitation	Drive	Direct overhead drive
	Impellers	2x Rushton-type
	Recommended agitation speed	100 – 1.600 rpm
Gassing	Gas supply	Sparger
Monitoring & control	Sensor size	220 mm
	T sensor	Pt100 RTD
	Exhaust condensation	Water-cooled



DASGIP Bioblock/SciVario twin Stirrer Vessels (1 L, 1.5 L, and 1.8 L vessels)

Description

Eppendorf offers a line of advanced autoclavable stirrer vessels suitable for temperature control with the compact DASGIP Bioblock or SciVario twin temperature control block or heating blanket. These overhead-driven stirrer vessels feature a stainless steel head plate with standard ports and Rushton-type impellers. Covering a working volume range of 200 mL – 1.8 L they are perfectly suited for microbial research and process development.

Product Features

- > Working volumes ranging from 200 mL – 1.8 L
- > Direct overhead drives with 100 – 1600 rpm (30 – 1250 rpm optional), Rushton-type impellers
- > Industry-standard sensors available for precise monitoring and control of temperature, pH, DO, redox potential, level and OD

Contents of vessel kit

Quantity	Order no.	Description	Quantity	Order no.	Description
1	78903189	DASGIP® Vessel , GPI 100, flat bottom, OD 110 x H 187 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
1	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)
1	78532283	DASGIP® Compression Fitting , all parts included, ID 6 mm with Pg 13.5 male thread	1	*	DASGIP® Compression Fitting , stainless steel parts only, ID 6 mm with Pg 13.5 male thread
			1	78706353	Front Ferrule , PFA, for OD 6 mm DASGIP® compression fitting
			1	78706354	Back Ferrule , PFA, for OD 6 mm DASGIP® compression fitting
			1	78706406	O-Ring , VMQ 70/Si 820, red, 14x2 (IDxd)
			1	78706416	O-Ring , VMQ 70/Si 820, red, 6x1.5 (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	78525116	DASGIP® Lipseal Stirrer Assembly , with M30x1 seat, stirrer shaft d 8 mm x Li 186 mm			
2	78100557	6-Blade Rushton-Type Impeller , stainless steel, OD 46 mm, ID 8 mm			
1	78107023	Stainless Steel Pipe , with barb, OD 4 mm/ID 2 mm, L 225 mm			
1	77102027	Thermowell , M6, stainless steel, L 200 mm, ID 2 mm, stainless, Li 163 mm, complete	1	*	Thermowell , M6, stainless steel, L 200 mm, ID 2 mm, Li 163 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	77102022	L-Sparger for DASGIP® Culture Vessel , stainless steel, complete, D6, L 300 mm, W 63 mm	1	*	L-Sparger for DASGIP® Culture Vessel , stainless steel, barb, D6, L 300 mm, W 63 mm
			1	78706255	Slotted Screw , stainless steel, M5x5, used with DASGIP® L-sparger
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 , for stainless-steel pipe OD 4 mm, complete			
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	78704149	Hex Wrench , with ball shaped head, size 1.5 mm			

Accessories

1	77102050	Condenser , for DASGIP® culture vessel, complete, OD 30 mm
1	78532284	DASGIP® Compression Fitting , all parts included, ID 12 mm with Pg 13.5 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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