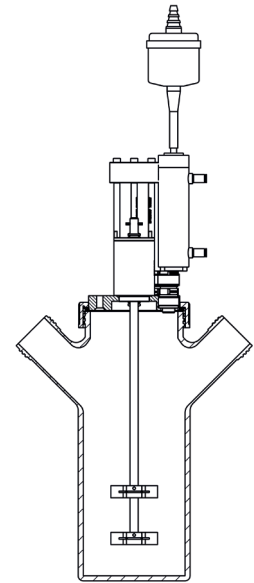


DASGIP® Bioblock Stirrer Vessels: 1.0 L Vessel, Customized V01

Technical data

Model	Order no.	76BB1000V01
	Application	Microbiology
	Standard set-up	DASGIP Bioblock
Bioreactor	Sterilization	Autoclavable
	Working volume (total)	450 mL* – 1.0 L (2.0 L)
	Material vessels	Glass
	Head plate	Stainless steel, screw cap
	Head plate ports	1x M30, 7x Pg 13.5, 1x thermowell
Agitation	Autoclave dimensions (HxWxD)	576 mm x 250 mm x 150 mm
	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

*with Hamilton pH sensor (order no. 78103230)



DASGIP Bioblock 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. 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

Note: Parts configuration matches DASGIP Bioblock Stirrer Vessel (order no. 76SR1000DLS), but with different glass vessel: 78903192 (H 265 mm, 2x GL45 side arms) instead of 78903190 (H 255 mm). When changing the configuration or buying spare parts, please consider the different vessel heights.

Contents of vessel kit

Quantity	Order no.	Description	Quantity	Order no.	Description
1	78903192	DASGIP® Vessel , GPI-100, flat bottom, 2x GL45 side arms, OD 110 x H 265 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)
1	78525119	DASGIP® Lipseal Stirrer Assembly , with M30x1 seat, stirrer shaft d 8 mm x Li 245 mm			
2	78100557	6-Blade Rushton-Type Impeller , stainless steel, OD 46 mm, ID 8 mm			
1	78107102	Stainless Steel Pipe , with barb, OD 4 mm/ID 2 mm, L 270 mm			
1	77102029	Thermowell , M6, stainless steel, L 275 mm, ID 2 mm, Li 238 mm, complete	1	*	Thermowell , M6, stainless steel, L 275 mm, ID 2 mm, Li 238 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			
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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