

DASGIP® Bioblock Spinner Vessels: 1.5 L Vessel

Technical data

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|---------------------------------|------------------------------|--------------------------------------|
| Model | Order no. | 76DS1500DSS |
| | Application | Cell culture |
| | Standard set-up | DASGIP Bioblock |
| 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 |
| Agitation | Autoclave dimensions (HxWxD) | 610 mm x 250 mm x 150 mm |
| | Drive | Direct overhead drive |
| | Impellers | 2x pitched 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 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 | 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

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|---|----------|--|--|--|--|
| 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 | | | |

*Not for individual sale.

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