

# DASbox<sup>®</sup> Mini Bioreactor for Microbiology

## Technical data

<b>Model</b>	<b>Order no.</b>	<b>76SR0250DLS</b>
	Application	Microbiology
	Standard set-up	DASbox
<b>Bioreactor</b>	Sterilization	Autoclavable
	Working volume (total)	60* – 250 mL (350 mL)
	Material vessels	Glass
	Head plate	Stainless steel, GLS 80 <sup>®</sup> screw cap
	Head plate ports	6x Pg 13.5, 2x dip tube long, 2x dip tube short, 1x thermowell
	Autoclave dimensions (HxWxD)	360 mm x 90 mm x 90 mm
<b>Agitation</b>	Drive	Direct overhead drive
	Impellers	2x Rushton-type
	Recommended agitation speed	20 – 2500 rpm
<b>Gassing</b>	Gas supply	Sparger
<b>Monitoring &amp; control</b>	Sensor size	120 mm
	T sensor	Pt100 RTD
	Exhaust condensation	Liquid-free (Peltier)

\*with Hamilton pH sensor (order no. 78103205)



## DASbox Mini Bioreactor

### Description

The DASbox Mini Bioreactor is an industry-standard autoclavable glass vessel featuring a multi port stainless steel head plate and a powerful direct overhead drive. With working volumes of 60 – 250 mL it is perfectly suited for process development in cell culture and microbial applications and ready for use with the Eppendorf DASbox.

### Product Features

- > Industry standard design for excellent scalability and reproducibility in both cell culture and microbiology
- > Stainless steel head plate, fully instrumented with standard sensors for precise measurement and control of temperature, pH, DO and level
- > Liquid-free exhaust condenser with easy handling by automatic slide-in activation and slide-out deactivation mode

## Contents of vessel kit

Quantity	Order no.	Description	Quantity	Order no.	Description
1	78903227	<b>DASGIP® Vessel</b> , GLS 80®, flat bottom, OD 70 x H 123 mm			
1	78107301	<b>Stainless Steel Head Plate OD 77</b> , with 6x Pg 13.5, 4x D4, 1x thermowell			
1	78903226	<b>Screw Cap for OD 80 mm neck</b> , PBT, with hole ID 73mm, without gasket			
1	78201138	<b>O-Ring</b> , VMQ 70/Si 820, 68x3 (IDxd)			
1	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)
1	78525123	<b>DASGIP® Lipseal Stirrer Assembly</b> , Pg 13.5 seat, stirrer shaft d 5 mm x Li 112 mm			
2	78107304	<b>6-Blade Rushton-Type Impeller</b> , stainless steel, OD 30 mm, ID 5 mm			
1	77102052	<b>L-Sparger for DASGIP® Culture Vessel</b> , stainless steel, complete, D4, L 180 mm, W 40 mm	1	*	<b>L-Sparger for DASGIP® Culture Vessel</b> , stainless steel, barb, D4, L 180 mm
			1	78706348	<b>Slotted Screw</b> , stainless steel, M3x4
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			
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	78704149	<b>Hex Wrench</b> , with ball shaped head, size 1.5 mm			

## Accessories

1	78532035	<b>Filter Assembly</b> , type 'Gas Out'			
1	78532284	<b>DASGIP® Compression Fitting</b> , all parts included, ID 12 mm with Pg 13.5 male thread			
1	78201323	<b>Exhaust Condenser Adaptor</b> , incl. insulation, for DASbox® Mini Bioreactor			
1	78201321	<b>Actuator Unit for Peltier Exhaust Condenser</b> , incl. cable L 1.6 m			
1	78532344	<b>Maintenance Kit</b> , for DASbox® vessel, 0.25 L			
1	78532337	<b>Maintenance/spare parts kit</b> DASGIP lipseal stirrer assembly Pg 13.5			

\* Not for individual sale.

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

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