



BioControl 2

Device data

Dimensions (W × D × H)	270 × 160 × 300 mm
Weight	6.5 kg

Features

Gas connections	2
Display	4.3 inch touch screen, 256 colours
Ports	<ul style="list-style-type: none">• 1 × Ethernet (Modbus TCP)• 1 × USB optional: <ul style="list-style-type: none">• PROFIBUS
Data memory	USB stick: 32 GB

Operating conditions

Operating temperature	5 – 40 °C
Storage temperature	-10 – 50 °C
Humidity	<ul style="list-style-type: none">• environment: < 85 % r.h., non-condensing• gas: See data sheet for the mobile gas measuring device
Pressure at gas inlet	±100 mbar relative (depending on mobile gas measuring device)
Permitted operating environments	in frost-free, sufficiently ventilated space
Non-permitted operating environments	in potentially explosive zones
Operating position	wall mount (hanging)

Power supply

Power supply	external 230 V~ via SEWERIN BioControl mains adapter
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Data transmission

Communication	CAN bus between mobile gas measuring device and BioControl
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Gas types

Standard	depending on mobile gas measuring device
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Resolution of the gases in the combined measuring device

CH ₄	0.1 % vol.
CO ₂	0.1 % vol.
O ₂	0.1 % vol.
H ₂ S	2 ppm

Additional data

Attachment option	loops for wall mounting
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Assignment

System components of	Multitec® BioControl
For use with	Multitec 540 from V 1.202, Multitec 545