

# Technical Data Sheet

## BioControl 2

<b>Device data</b>	
Dimensions (W x D x H)	270 × 160 x 300 mm
Weight	6.5 kg

<b>Features</b>	
Gas connections	2
Display	4.3 inch touch screen, 256 colours
Ports	<ul style="list-style-type: none"> <li>• 1 × Ethernet (Modbus TCP)</li> <li>• 1 × USB</li> <li>• optional: PROFIBUS</li> </ul>
Data memory	USB stick: 2 GB Flash memory, can be expanded to 16 GB

<b>Operating conditions</b>	
Operating temperature	+5 °C – +40 °C
Storage temperature	-10 °C – +50 °C
Humidity	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)

<b>Power supply</b>	
Power supply	external 230 V~ via SEWERIN BioControl mains adapter

<b>Data transmission</b>	
Communication	CAN bus between mobile gas measuring device and BioControl

<b>Gas types</b>	
Standard	depending on mobile gas measuring device

<b>Resolution of the gases in the combined measuring device</b>	
CH <sub>4</sub>	0.1 % vol.
CO <sub>2</sub>	0.1 % vol.
O <sub>2</sub>	0.1 % vol.
H <sub>2</sub> S	2 ppm

<b>Additional data</b>	
Attachment option	loops for wall mounting

<b>Assignment</b>	
System components of	Multitec® BioControl
For use with	Multitec 540 from V 1.202, Multitec 545

107518 – 14.04.2016 – Subject to technical changes.