

## Technical data sheet

### Multitec<sup>®</sup> BioControl

<b>Device data</b>	
Dimensions (W x D x H)	520 × 205 x 425 mm
Weight	15 kg
Models	1, 4 or 8 gas connections: for each gas connection there is a gas inlet for flow rate (4 – 20 mA) and a gas inlet for temperature (4 – 20 mA)

<b>Device elements</b>	
Display	touchscreen 7", 256 colours, 800 × 480 pixels
Interface	1 × Ethernet (Modbus TCP), 1 × RS-485 (Modbus RTU) 2 × RS-232, 2 × USB, expandable
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 (depends on mobile gas measuring device)
Protection rating	IP43
Permitted operating environments	in frost-free, sufficiently ventilated space
Non-permitted operating environments	in hazardous areas
Normal position of use	wall mount (hanging)

<b>Power supply</b>	
Operating voltage	24 V DC, 2 A, no stabilisation required

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

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

<b>Resolution of the gases in the combined measuring device</b>	
CH4	0.1 VOL%
CO2	0.1 VOL%
O2	0.1 VOL%
H2S	2 ppm

<b>Additional data</b>	
Attachment option	loop for wall mount

<b>Assignment</b>	
For use with	Multitec 540 from V 1.202

106656 – 06-06-2012 – Subject to technical changes.