



## OXITEC® 500E

<b>Housing:</b>	Aluminium 19" 4HE; RAL9006, RAL7016
<b>IP code:</b>	IP20
<b>Display:</b>	LC dot matrix 240 x 64 - LED backlit
<b>Keypad:</b>	membrane keypad
<b>Signal LEDs:</b>	alarm - orange, maintenance - orange, error - red
<b>Measuring principle:</b>	Zirconium oxide
<b>Cuvette:</b>	built into the housing; material: stainless steel
<b>ACAL (automatic calibration):</b>	1 or 2 point automatic calibration
<b>Detection limit:</b>	< 1 ppm O <sub>2</sub>
<b>Measuring ranges:</b>	2 x 0 - 2 % O <sub>2</sub> to 0 - 25 % O <sub>2</sub>
<b>Accuracy:</b>	± 0,2 % of measured value
<b>Reaction time:</b>	< 5 sec.
<b>Pneumatic connections - gas entry:</b>	6 mm pipe diameter
<b>Pneumatic connections - gas exit:</b>	10 mm pipe diameter
<b>Pneumatic connections – instrument air entry*:</b>	6 mm pipe diameter
<b>Mains voltage :</b>	230V ±10 % 50 to 60 Hz 115V ±10 % 50 to 60 Hz
<b>Power consumption:</b>	250 VA (heating phase) 150 VA (typical measuring mode)
<b>Recommended fuse:</b>	6,3 A T
<b>Output signal O<sub>2</sub>:</b>	active, 0/4 to 20 mA max. load 500 Ω, galvanically isolated
<b>Relay contacts:</b>	24 V AC/DC, 1 A
<b>Dimensions:</b>	483 x 178 x 468 mm (B x H x T)
<b>Weight:</b>	ca. 13 kg*
<b>Temperature range - storage**:</b>	-40 °C to +80 °C
<b>Temperature range - operation**:</b>	-20 °C to +55 °C -20 °C to +40 °C (with reference air pumps)

\* only with system option: Instrument air supply

\*\* other temperature ranges on request