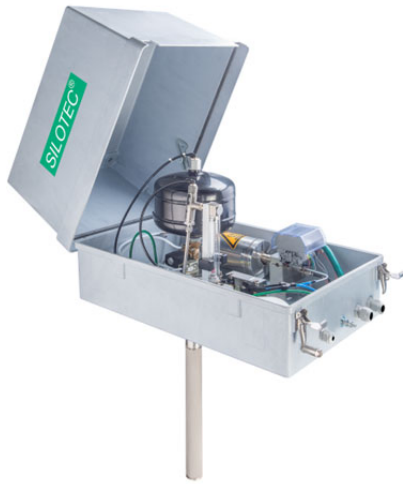




## SILOTEC<sup>®</sup> 8000 - Electronic Unit

<b>Housing:</b>	sheet steel ST37 powder coated; RAL6029 (GRP version optional)	
<b>IP code:</b>	IP66	
<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>O<sub>2</sub> measuring ranges:</b>	2 x 0-2 % O <sub>2</sub> to 0-25 % O <sub>2</sub>	
<b>Accuracy O<sub>2</sub>:</b>	better 0,2% of measured value	
<b>CO<sub>e</sub> measuring range:</b>	0 to 5000 ppm CO <sub>e</sub>	
<b>Accuracy CO<sub>e</sub>:</b>	better 5% of range end	
<b>ACAL (automatic calibration):</b>	1 or 2 point automatic calibration	
<b>Mains voltage:</b>	230 VAC ±10 % 50/60 Hz	115 VAC ±10 % 50/60 Hz
<b>Power consumption:</b>	425 VA (heating phase); 225 VA (measuring mode)	
<b>Recommended fuse:</b>	10 A	
<b>mA output:</b>	2x 4 – 20 mA; potential-free; 500 Ω max.	
<b>Relay contacts:</b>	24 V AC/DC, 1 A; failure, maintenance, 2x limit alarms	
<b>Compressed air:</b>	approx. 500 l/h at 2 – 10 bar; acc. ISO 8573-1 class 2	
<b>Dimensions:</b>	300 x 440 x 240 mm (W x H x D)	
<b>Weight:</b>	approx. 18 kg	
<b>Temperature range - storage: *</b>	-40 °C to +80 °C	
<b>Temperature range - operation: *</b>	-20 °C to +55 °C	

\* Other temperature ranges on request



## SILOTEC® 8000 - Measuring probe

<b>Housing:</b>	GRP transmitter protection box with reduced surface resistance acc. to EN 60079-0
<b>IP code:</b>	IP65, suitable for erection in zone 22
<b>Dimensions:</b>	640 x 440 x 430 mm
<b>Mounting flange:</b>	DN65 PN6
<b>Sample probe:</b>	500 mm insertion length in ATEX zone 20
<b>Measuring principle:</b>	Zirconium oxide for O <sub>2</sub> MXP for CO <sub>e</sub>
<b>Additional features:</b>	Sample probe with 3 µm filter porosity Injector for sample gas extraction Sample gas flowmeter with alarm module
<b>Options:</b>	Automatic blow-back with 4 l buffer tank SIL2 certified O <sub>2</sub> measurement
<b>Power and gas supply:</b>	through electronic unit
<b>Temperature range - storage: *</b>	-40 °C to +80 °C
<b>Temperature range - operation: *</b>	-20 °C to +55 °C

\* Other temperature ranges on request