



## COMTEC<sup>®</sup> 600E

<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>	within the housing; material: stainless steel	
<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> 0 to (500 ... 2000) ppm CO <sub>e</sub>	
<b>CO<sub>e</sub> Sensor:</b>	built into cuvette	
<b>ACAL (automatic calibration):</b>	1 or 2 point automatic calibration	
<b>Accuracy O<sub>2</sub>:</b>	better 0,2% of measured value	
<b>Accuracy CO<sub>e</sub>:</b>	better 5% of range end	
<b>Reaction time:</b>	< 5 sec.	
<b>Pneumatic connector - gas entry:</b>	6 mm pipe diameter	
<b>Pneumatic connector - gas exit:</b>	10 mm pipe diameter	
<b>Pneumatic connector - 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>	275 VA (heating phase) 175 VA (typical measuring mode)	
<b>Recommended fuse:</b>	10 A	
<b>Output signal:</b>	O <sub>2</sub> - active, 0/4 to 20 mA max. load 500 Ω	CO <sub>e</sub> - active, 0/4 to 20 mA max. load 500 Ω
<b>Relay contact:</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 built in reference air pump)	

\* only with optional Instrument air supply

\*\* other temperature ranges on request