

## CarboQC ME with Option O<sub>2</sub>

<b>Measuring range</b>	
CO <sub>2</sub>	0–12 g/L (0–6 vol) at 30 °C (86 °F) 0–20 g/L (0–10 vol) < 15 °C (59 °F)
O <sub>2</sub>	0–4 ppm O <sub>2</sub>
Temperature	–3 to 40 °C (27 to 104 °F)
<b>CO<sub>2</sub> measurement</b>	
Repeatability, s.d.	0.01 g/L (0.005 vol) CO <sub>2</sub>
Reproducibility, s.d.	0.05 g/L (0.025 vol) CO <sub>2</sub>
Accuracy of the pressure sensor	±0.01 bar accuracy of adjustment
Accuracy of the temperature sensor	±0.2 °C
<b>O<sub>2</sub> measurement</b>	
Repeatability, s.d.	2 ppb (in the range < 200 ppb)
Reproducibility, s.d.	4 ppb (in the range < 1000 ppb) 10 ppb (in the range 1000–2000 ppb) 20 ppb (in the range 2000–4000 ppb)
<b>Oxygen sensor</b>	
Response time at 25 °C (77 °F) from air to nitrogen	98 % of the final value in less than 30 s
<b>Max. operating pressure</b>	8 bar (116 psi) relative pressure
<b>Sample volume</b>	
Samples with similar O <sub>2</sub> content	approx. 150 mL
Samples with different O <sub>2</sub> content	approx. 200 mL
<b>Typical measuring time per sample</b>	approx. 2 minutes
<b>Environmental conditions</b>	
Ambient temperature	0 to 40 °C (32 to 104 °F)
Air humidity	10–95 % relative humidity
Degree of protection	IP 64
<b>Dimensions (L x W x H)</b>	320 mm x 120 mm x 330 mm (12.6 in x 4.7 in x 13.0 in)
<b>Weight</b>	approx. 3.7 kg (8.2 lbs)
<b>Power</b>	supplied by the master instrument of the PBA (Packaged Beverage Analyzer) M series measuring system
<b>Interfaces</b>	2 x CAN