

## Technical Data - Carbo QC ME

Technical Specifications	
<b>Measuring range:</b>	
<b>CO<sub>2</sub></b>	0–12 g/L (0–6 vol.) at 30 °C (86 °F) 0–20 g/L (0–10 vol.) < 15 °C (59 °F)
<b>O<sub>2</sub></b>	0–4 ppm
<b>Temperature</b>	–3 to 40 °C (27 to 104 °F)
<b>CO<sub>2</sub> measurement:</b>	
<b>Repeatability, s.d.</b>	0.01 g/L (0.005 vol.) CO <sub>2</sub>
<b>Reproducibility, s.d.</b>	0.05 g/L (0.025 vol.) CO <sub>2</sub>
<b>O<sub>2</sub> measurement:</b>	
<b>Repeatability, s.d.</b>	2 ppb (in the range < 200 ppb)
<b>Reproducibility, s.d.</b>	4 ppb (in the range < 1000 ppb) 10 ppb (in the range 1000–2000 ppb) 20 ppb (in the range 2000–4000 ppb)
<b>Response time of the oxygen sensor at 25 °C (77 °F) (from air to nitrogen)</b>	98 % of the final value in less than 30 s
<b>Additional information:</b>	
<b>Sample volume</b>	approx. 150 mL for similar samples
<b>Dimensions (L x W x H)</b> <b>Option O<sub>2</sub> incl. CarboQC ME:</b> <b>Option O<sub>2</sub> Plus incl. modular stand and PFD (Plus):</b>	320 x 120 x 330 mm (12.6 x 4.7 x 13.0 in) 200 x 348 x 670 mm (7.9 x 13.7 x 26.4 in)
<b>Weight</b> <b>Option O<sub>2</sub> incl. CarboQC ME:</b> <b>Option O<sub>2</sub> Plus:</b>	approx. 3.7 kg (8.2 lbs) approx. 0.35 kg (0.77 lbs)
<b>Power</b>	supplied by the master instrument of PBA-S, PBA-SD, PBA-SI, PBA-SID, PBA-B, or PBA-W Generation M
<b>Interfaces</b>	2 x CAN