

## Technical Data - CboxQC At-line

<b>Standard methods</b>	
ASBC Beer-13D: Dissolved Carbon Dioxide Volume Expansion Method, EBC Chapter 9.28.5, Mebak Chapter 2.26.1.5	
<b>Technical Specifications</b>	
<b>Measuring range:</b>	
<b>CO<sub>2</sub></b>	0 g/L to 12 g/L (0 vol. to 6 vol.) at 30 °C 0 g/L to 20 g/L (0 vol. to 10 vol.) < 15 °C
<b>O<sub>2</sub></b>	0 ppm to 4 ppm
<b>Temperature</b>	- 3 °C to + 40 °C (27 °F to 104 °F) Accuracy: ± 0.2 °C
<b>Pressure</b>	0 bar to 10 bar absolute (0 psi to 145 psi)
<b>Repeatability s.d:</b>	
<b>CO<sub>2</sub></b>	0.04 g/L (0.02 vol.)
<b>O<sub>2</sub></b>	± 2 ppb (in the range < 200 ppb)
<b>Reproducibility s.d:</b>	
<b>CO<sub>2</sub></b>	0.1 g/L (0.05 vol.)
<b>O<sub>2</sub></b>	± 4 ppb (in the range < 1000 ppb) ± 10 ppb (in the range of 1000 to 2000 ppb) ± 20 ppb (in the range of 2000 to 4000 ppb)
<b>Digital Resolution:</b>	
<b>CO<sub>2</sub></b>	0.01 g/L
<b>O<sub>2</sub></b>	0.1 ppb (in the range < 100 ppb)
<b>Additional information:</b>	
<b>Sample volume</b>	approx. 150 mL
<b>Measuring time per sample</b>	approx. 90 seconds
<b>Internal storage</b>	500 measured results
<b>Interfaces</b>	1 x RS-232 for PC and printer 1 x USB for PC 1 x RFID, 1 x Bluetooth (optional)
<b>Protection class</b>	IP67
<b>Power supply</b>	AC 100 - 240 V, 50/60 Hz, 1.5 A DC 12 V, 3.0 A
<b>Rechargeable battery type</b>	Li-Ion 11.1 V, 2.25 Ah (optional: Li-Ion 11.25 V, 2.6 Ah)
<b>Maximum at-line operation</b>	10 hours

<b>Dimensions(L x W x H)</b>	262 mm x 209 mm x 176 mm (10.3 in x 8.2 in x 6.9 in)
<b>Weight</b>	2.7 kg (6 lbs)