

Technical Data - CboxQC

Standard methods	
ASBC Beer-13D: Dissolved Carbon Dioxide Volume Expansion Method, EBC Chapter 9.28.5, Mebak Chapter 2.26.1.5	
Technical Specifications	
Measuring range:	
CO₂	0 g/L to 12 g/L (0 vol. to 6 vol.) at 30 °C 0g/L to 20 g/L (0 vol. to 10 vol.) < 15 °C
O₂	0 ppm to 4 ppm
Temperature	3 °C to +40 °C (27 °F to 104 °F) Accuracy: ± 0.2 °C
Pressure	0 bar to 10 bar absolute (0 psi to 145 psi)
Repeatability s.d:	
CO₂	0.01 g/L (0.005 vol.)
O₂	± 2 ppb (in the range < 200 ppb)
Reproducibility s.d:	
CO₂	0.05 g/L (0.025 vol.)
O₂	± 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)
Digital Resolution:	
CO₂	0.001 g/L
O₂	0.1 ppb (in the range < 100 ppb)
Additional information:	
Sample volume	approx. 100 mL
Measuring time per sample	approx. 90 seconds
Internal storage	500 measured results
Interfaces	1 x RS-232 for PC and printer 1 x USB for PC 1 x RFID, 1 x Bluetooth (optional)
Protection class	IP67
Power supply	AC 100 - 240 V, 50/60 Hz, 1.5 A DC 12 V, 3.0 A
Rechargeable battery type	Li-Ion 11.1 V, 2.25 Ah (optional: Li-Ion 11.25 V, 2.6 Ah)
Maximum at-line operation	10 hours
Dimensions(L x W x H)	258 mm x 201 mm x 170 mm (10.2 in x 7.9 in x 6.7 in)
Weight	2.6 kg (5.7 lbs)