

TECHNICAL DATA

Details	Technical Data	
Measurement Principle	Electrochemical sensor	
Measurement Range	0.000mg/L~2.500 mg/L	
Resolution	0.001 mg/L	
Accuracy: Measurement Error, in relation to the ethanol standard	Measurement Range C / (mg/L)	Measurement Error
	$C < 0.400$	± 0.020 mg/L
	$0.400 \leq C < 1.000$	$\pm 10\%$
	$C \geq 1.000$	$\pm 20\%$
Calibration	Every 6 months	
Temperature range - operation	$0^{\circ}\text{C} \sim 40^{\circ}\text{C}$	
Temperature range – storage	$-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$	
Optimum Storage Conditions	Temperature: $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Humidity: $< 80\% \text{RH}$ Pressure: $86 \text{ kpa} \sim 106 \text{ kpa}$ No vapor or electromagnetic disturbances in the environment are influencing the normal working conditions of the device	
Blowing Time	2.5seconds (breath flow: $\geq 20\text{L}/\text{min}$)	
Display	128X64 black and white screen	
Dimension(LXWXT)	$105\text{mm} \times 45\text{mm} \times 17\text{mm}$	
Batteries	3.7V, 10440 rechargeable lithium*2	
Weight	Approx. 75g (including battery)	