

Specifications – Chlorine Analyser

General Specifications	
Type	Membrane covered potentiostatic chrono amperometric three-electrode system
Measurand	Total Chlorine or Free Chlorine
Range	0.01-2mg/l, 0.01-5mg/l, 0.01-10mg/l, 0.01-20mg/l, 0.5-200mg/l (free only)
Resolution	0.01mg/l (ppm)(0.1 on 0-200mg/l ranges)
Reproducibility	Better than +/-0.05mg/l
Stability	-1% per month (without calibration)
Working electrode	Gold
Counter electrode	Stainless Steel
Reference electrode	Silver/ silver halide
Membrane material	-Micro-porous hydrophilic membrane
Flow rate	Approximately 0.5l/min (min 0.25l/min)
Temperature range	0 to <45°C
Temperature Compensation	Automatically by an integrated thermistor
pH-range	pH 4 up to pH 9
First-Polarisation time	2 hours
Re-Polarisation time	30 min
Response time	T ₉₀ : Approx...120 seconds
Zero-point adjustment	Not necessary
Calibration	Manual using DPD
Housing Material	PVC, silicone, polycarbonate stainless steel
Dimensions	Diameter approx... 25mm, length 175 mm
Maintenance intervals	
Membrane	Once a year (depending on water quality)
Electrolyte	Once a year (depending on water quality)
Interferences	High levels of other oxidants such as Ozone and Chlorine Dioxide

