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uniPROBE Chloride ISE



Description	Combination Chloride ISE with Intermediate Junction reference system and interchangeable tip.
Sensing Tip Colour Code	Yellow
Concentration Range	3.5ppm Cl ⁻ to 35000ppm Cl ⁻ (1x10 ⁻⁴ M to 1M)
Linear Range	35ppm Cl ⁻ to 35000ppm Cl ⁻ (1x10 ⁻³ M to 1M)
Slope	-57 mV/decade +/-3mV at 25 °C
Response Time	<30 seconds for 90% of final value from 3.5ppm Cl ⁻ to 35ppm Cl ⁻
pH Range	1 to 12 (Note: An excess of OH ⁻ of 80 times the Cl ⁻ concentration produces a 10% error)
Main Interferences	OH ⁻ , Br ⁻ , I ⁻ , CN ⁻ , S ⁻² , Cu ⁺² , Hg ⁺² , Ag ⁺ , Pb ⁺² , TI ⁺
Temperature Range	-0 to 60 °C (32 to 140 °F)
Reference System	Unique Intermediate Junction ("IJ") reference system is a double junction design which resists fouling. Can be disassembled for cleaning and reassembled within a few minutes. Ag/AgCl reference
Dimensions	120 x 12 mm

Ordering Information

Complete uniPROBE Chloride ISE Analysis Kit			Part No
uniPROBE Chloride ISE with 1m cable and BNC plug			121570
<small>(go to the Connectors page for a listing of alternative connectors)</small>			Part No
Includes:	1 x uniPROBE Body		121500
	1 x Chloride ISE Membrane / Internal Filling Solution / Electrolyte Kit		121572
	1 x 1000ppm Cl ⁻ Standard (200mL)		121574
	1 x Chloride ISAB Solution (200mL)		121836
	1 x Chloride ISE Instruction Manual		130050
Spare Parts and Accessories			
uniPROBE Body			121500
Chloride ISE Membrane Kit			121572
		Part No	
Includes:	1 x Yellow Membrane Tip		
	1 x Internal Filling Solution, 45 mL		121804
	1 x External Reference Electrolyte Gel, 10mL		121812
Internal Filling Solution (IFS), 45mL			121804
External Reference Electrolyte Gel, 10mL			121812
1000ppm Cl ⁻ Standard (200mL)			121572
Chloride ISAB Solution (200mL)			121836
uniPROBE Chloride ISE Instruction Manual			130050

uniPROBE ISE's are available for...

Fluoride	Ammonia	Iodide
Cyanide	Bromide	Sulphide



[Download this Specification Sheet in PDF format.](#)



[Download the Instruction Manual for this Sensor.](#)

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