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## uniPROBE Ammonium



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### uniPROBE Ammonium ISE



<b>Description</b>	Combination Ammonium ISE with Intermediate Junction reference system and interchangeable tip.
<b>Sensing Tip Colour Code</b>	Black with white ring
<b>Concentration Range</b>	0.02ppm NH <sub>4</sub> <sup>+</sup> -N to 14000ppm NH <sub>4</sub> <sup>+</sup> -N (1x10 <sup>-6</sup> M to 1M)
<b>Linear Range</b>	0.2ppm NH <sub>4</sub> <sup>+</sup> -N to 14000ppm NH <sub>4</sub> <sup>+</sup> -N (1x10 <sup>-5</sup> M to 1M)
<b>Slope</b>	+57 mV/decade +/-3mV at 25 °C
<b>Response Time</b>	<30 seconds for 90% of final value from 1.4ppm NH <sub>4</sub> <sup>+</sup> -N to 14ppm NH <sub>4</sub> <sup>+</sup> -N
<b>pH Range</b>	0 to 8.5
<b>Main Interferences</b>	The ammonium membrane ISE is for fresh water use only due to the high levels of interfering Na <sup>+</sup> ions in salt and brackish water. K <sup>+</sup> is a severely interfering ion, but is seldom encountered in high concentrations in natural waters.
<b>Temperature Range</b>	-0 to 60 °C (32 to 140 °F)
<b>Reference System</b>	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
<b>Dimensions</b>	120 x 12 mm
<b>Ordering Information</b>	
<b>Complete uniPROBE Ammonium ISE Analysis Kit</b>	
<b>uniPROBE Ammonium ISE with 1m cable and BNC plug</b>	<b>Part No</b> 121520
<small>(go to the <a href="#">Connectors</a> page for a listing of alternative connectors)</small>	
<b>Includes:</b> 1 x <b>uniPROBE</b> Body	<b>Part No</b> 121500
1 x Ammonium ISE Membrane / Internal Filling Solution / Electrolyte Kit	121522
1 x 1000ppm NH <sub>4</sub> <sup>+</sup> Standard (200mL)	121524
1 x Ammonium ISAB Solution (200mL)	121824
1 x Ammonium ISE Instruction Manual	130050
<b>Spare Parts and Accessories</b>	
uniPROBE Body	121500
Ammonium ISE Membrane Kit	121542
	<b>Part No</b>
<b>Includes:</b> 2 x Black / White Membrane Tips	
1 x Internal Filling Solution, 45 mL	121801
1 x External Reference Electrolyte Gel, 10mL	121813
Internal Filling Solution (IFS), 45mL	121801
External Reference Electrolyte Gel, 10mL	121813
1000ppm NH <sub>4</sub> <sup>+</sup> Standard (200mL)	121524
1000ppm NH <sub>4</sub> <sup>+</sup> Standard (1 Litre)	121526
Ammonium ISAB Solution (200mL)	121824
Ammonium ISAB Solution (1 Litre)	121826
<b>uniPROBE Ammonium ISE Instruction Manual</b>	<b>130050</b>

uniPROBE ISE's are available for...

[Nitrate](#)

[Ammonium](#)

[Calcium](#)

[Sodium](#)

[Potassium](#)

[Fluoride](#)

[Chloride](#)

[Iodide](#)

[Cyanide](#)

[Bromide](#)

[Sulphide](#)

[Silver](#)

[Ammonia](#)



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**Hint :** Right click on a link, then select "Save Target As..." or "Save Link As..." to save the file to your own computer.

If you do not have Adobe Acrobat in your computer, a free Acrobat Reader can be downloaded by clicking on the following link.



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uniPROBE Nitrate

uniPROBE Ammonium

uniPROBE Calcium

uniPROBE Sodium

uniPROBE Potassium

uniPROBE Fluoride

uniPROBE Chloride

uniPROBE Iodide

uniPROBE Cyanide

uniPROBE Bromide

uniPROBE Sulphide

uniPROBE Silver

uniPROBE Ammonia

Send mail to [tps@tps.com.au](mailto:tps@tps.com.au) with questions or comments about this web site.

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