



Ammonium Sensor

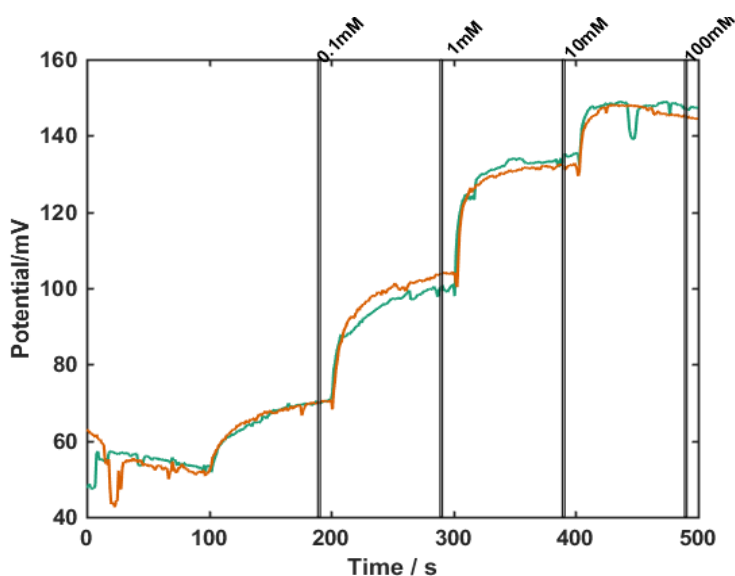
Product description

The ZP Ammonium sensor is a unique formulation as it can be used either for discrete measurements and disposed of after each use, or it can be left in place for continuous measurement. The sensors are semi-reusable.



Scan the QR-code for videos on how to use ZP sensors!

Performance & features



Specifications

- Concentration range: 0 – 100 mM
- Sensitivity: ~1 mV/mM
- Settle time: 1-2 min
- Interfering ions: K⁺, Na⁺

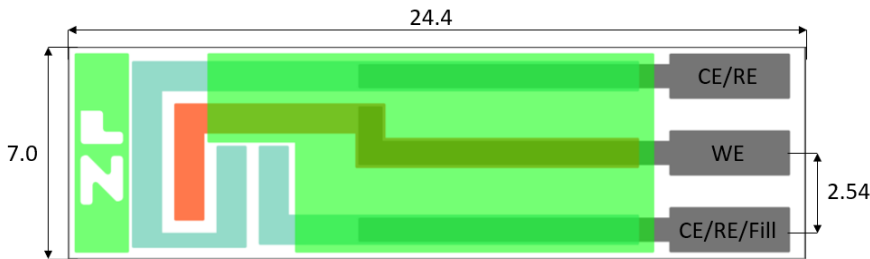
Sensor materials

Substrate	Reference electrode	Working electrode	Counter electrode
Alumina	Silver Chloride	Carbon	Silver Chloride



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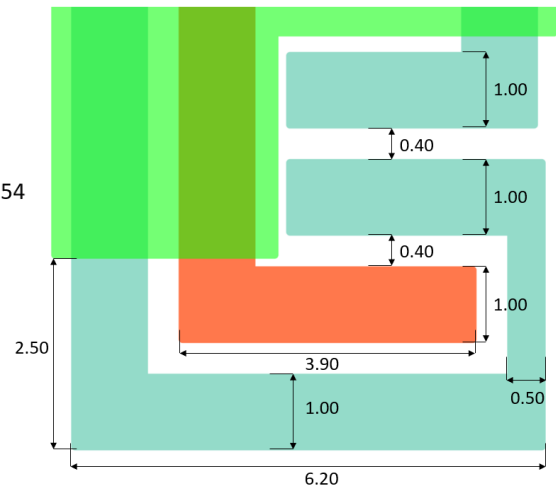
Mechanical dimensions



Thickness = 0.625

All units in mm

Sensor product code: **ZPS NH4-000-00076**



Storage

2-8 C°

Protect from exposure to UV-light

Recommended usage within 6 months of fabrication

50% RH \pm 20% RH

Safety

Take caution when handling the sensors as the edges and corners are sharp
ZP recommends using gloves when handling the electrodes to avoid contamination of the sensor.

This product is not tested for biocompatibility and ZP takes no responsibility for in-vivo usage

Customizability

Zimmer and Peacock can also make customized sensors with the option to target other analytes than those listed in this datasheet. We can offer different electrode configurations, geometry, and materials. Please contact us through the contact form on zimmerpeacock.com or by e-mail on sales@zimmerpeacock.com for questions regarding customized sensors

www.zimmerpeacock.com