



Lactate Wire Sensor

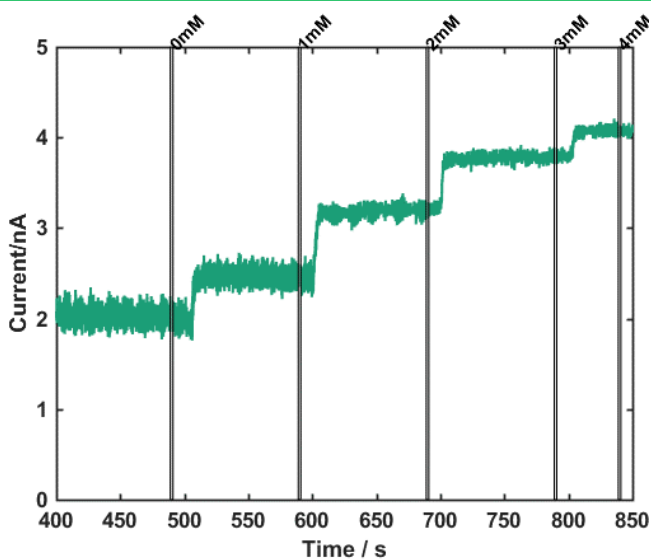
Product description

Zimmer and Peacock's Lactate wire sensor unique formulation allows it to be used either for discrete measurements, and disposed of after each use, or it can be left in place for a continuous measurement. ZP has two formulations available: Generation 1 operates at 650 mV whereas, the Generation 2 is a mediated sensor allowing operation potentials of 0 V. The sensors can be re-used with a sensitivity drop of 5-10%.



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

Performance for Gen 1



ZP recommends the Anapot potentiostat when using our sensors. ZP also recommends the use of an adaptor cable to the Anapot potentiostat.

The software "Lisa Analytics" for the Anapot can be found at: <https://www.zimmerpeacocktech.com/knowledge-base/software/>

The link also contains videos on how to properly configure your device with the software.

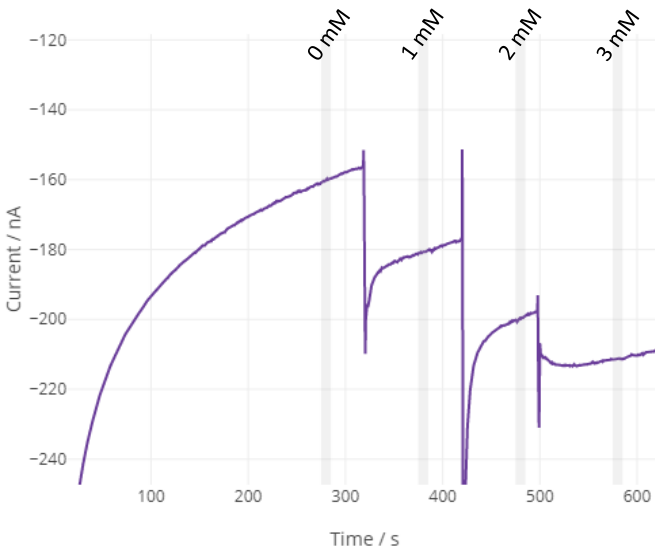
Sensor materials

Substrate	Reference electrode / Counter electrode	Working electrode
Platinum Iridium wire (70:30)	Silver/Silver Chloride (60/40)	Platinum Iridium wire (70:30)



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Performance Gen 2



ZP recommends the Anapot potentiostat when using our sensors. ZP also recommends the use of an adaptor cable to the Anapot potentiostat.

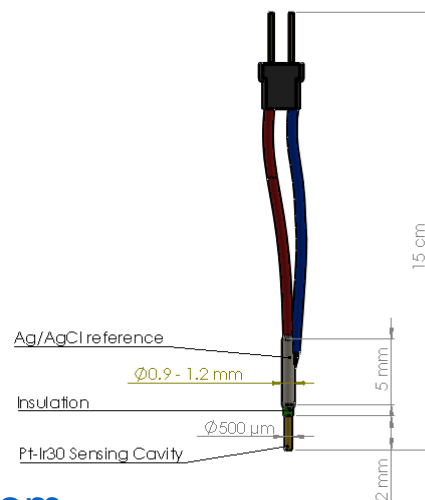
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Mechanical drawings



Sensor product code: ZPS GLU-000-00058

www.zimmerpeacock.com

WE length range 1.6 mm to 2.4 mm



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Storage

Storage: 4-8 °C for periods > 2-3 days 20 - 50% RH
Protect from exposure to UV-light
Recommended usage within 3 - 6 months of fabrication

Safety

ZP recommends using gloves

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

Warning

Protect the sensing cavity

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 www.zimmerpeacock.com or by e-mail on sales@zimmerpeacock.com for questions regarding customized sensors