pH Sensors

Product description

Zimmer and Peacock's pH sensors can be used in continuous monitoring applications in a flowing liquid or in discreet mode with samples added to the electrodes area.

The ZP's solid state pH sensors are robust. These pH sensors are made from inorganic materials with no liquids and so they last ages with no careful storage.
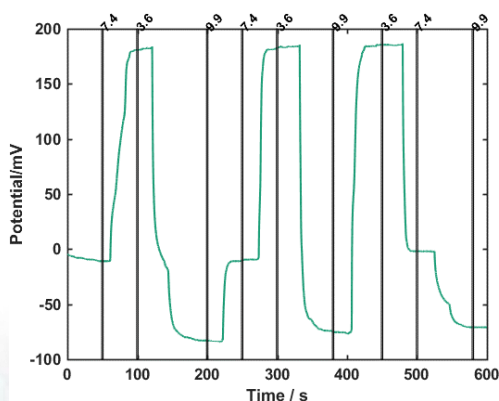
Sensor product code: ZPS CIO-000-00064

Specifications

Range	2 – 10 pH
Resolution	60 mV/pH
Accuracy	+/- 15 mV
Temperature	18-25°C
Theoretical Temperature coefficient	86 µV/ºC
Dimensions	7x24.4x0.625 mm
Weight	0.414 g +/- 2 mg

Sensor

Substrate	Alumina
Reference Electrode	Silver/Silver Chloride (60/40)
Working electrode	Carbon
Counter Electrode	Silver/Silver Chloride (60/40)

Performance

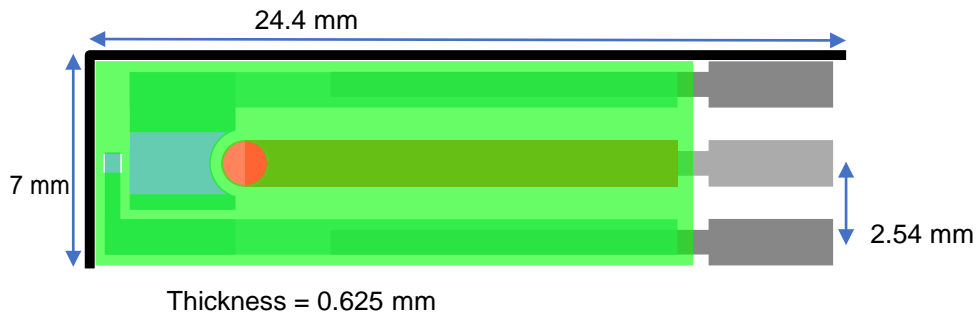ZP recommends the Anapot potentiostat when using our sensors.

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

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

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

www.zimmerpeacock.com

Mechanical drawing

24.4 mm

7 mm

2.54 mm

Thickness = 0.625 mm

Storage

Storage: Room temperature 20 - 50% RH.

Protect from exposure to UV-light
Recommended usage within 18 months of fabrication

Disclaimer

Take caution when handling the sensors as the edges and corners are sharp ZP recommends using PPE and wearing gloves.
This product is not tested for biocompatibility and ZP takes no responsibility for in-vivo usage.
This product is not suitable for food applications, please contact ZP for discussing your application.
This product is intended to be used in aqueous systems only.

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