

New options emerge for the development of electrochemical sensors

Custom production and high volume manufacturing is now possible partnering with Metrohm DropSens

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Reaching the market with an electrochemical sensor is now closer than ever. Metrohm DropSens produces custom electrochemical sensors with a scalable and cost-effective manufacturing process with no quantity limits. An idea, an application or an incipient research can be turned into a first-class, certified and market-ready solution that meets individual requirements, regardless of the sector or concrete needs.

Metrohm DropSens' ability to design and manufacture customised, high-volume electrochemical solutions creates great opportunities for the development of sensors and biosensors on small sensor strips. Many potential projects and research will be able to broaden their horizons thanks to professional manufacturing that guarantees cost-effective production, the highest levels of product quality and stability, as well as a delivery capability without risk of stock-outs.



Flexible material susceptible for electrochemical sensor development.

Thanks to the customisability of these sensors, multiple modifications and options are possible such as spatial distribution, shape, area, substrate or the use of a wide range of materials. This versatility allows the sensor to be adapted to applications from multiple markets and sectors to measure a wide range of parameters. These include human health, pollution, food and beverage information, environmental analysis, water contamination, illicit drug detection, viruses, agriculture and animal husbandry, to mention as a few.

Custom production and high volume manufacturing of electrochemical sensors can be the right way to reach the market, respond to new analytical paradigms and achieve powerful and accurate results, which many sectors and industries are looking for. From small-scale prototyping to large-scale sensor production, Metrohm DropSens offers support throughout the entire process: initial conceptualisation, in-depth prototype design and results with the highest quality standards, always accompanied by a global, reliable and expert service.

For more information, visit www.metrohm.com/products-overview/electrochemistry/dropsens-customizable-sensors and find out how this service can help you in the development of your electrochemical sensor.

Weblink: www.metrohm.com/products-overview/electrochemistry/dropsens-customizable-sensors

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About Metrohm

Metrohm is one of the world's most trusted manufacturers of high-precision instruments for laboratory and process analysis. The company was founded in 1943 by engineer Bertold Suhner in Herisau, Switzerland, where it is headquartered to this day. Metrohm offers a comprehensive portfolio of analytical technologies ranging from titration and ion chromatography to near-infrared and Raman spectroscopy, as well as several other techniques. Metrohm sells its products and provides services through its own local subsidiaries and exclusive distributors in more than 120 countries worldwide. Our mission in a nutshell is helping customers from virtually every industry analyze and maintain the quality of their products at every stage in the manufacturing process and beyond. Since 1982, Metrohm has been owned 100% by the non-profit Metrohm Foundation. This foundation keeps to its purpose to support charitable, philanthropic, and cultural projects in eastern Switzerland and, above all, ensure the independence of the company.

Contact

Belén Castedo

Marketing Communication

Metrohm DropSens

+34 985 277 685

belen.castedo@metrohm.com

