



Datasheet

Gii Platform

In a world where most sensing platforms are built to detect just one marker at a time, iGii's platform changes what's possible.

The First Customisable Multi-Analyte Sensing Platform

Platform description

iGii's Gii Platform provides the necessary tools for a smooth implementation of Gii-based electrochemical assays. The perfect starting point to develop a Gii-based electrochemistry product for a wide range of applications depending on the assay including point-of-care or point-of-need testing.

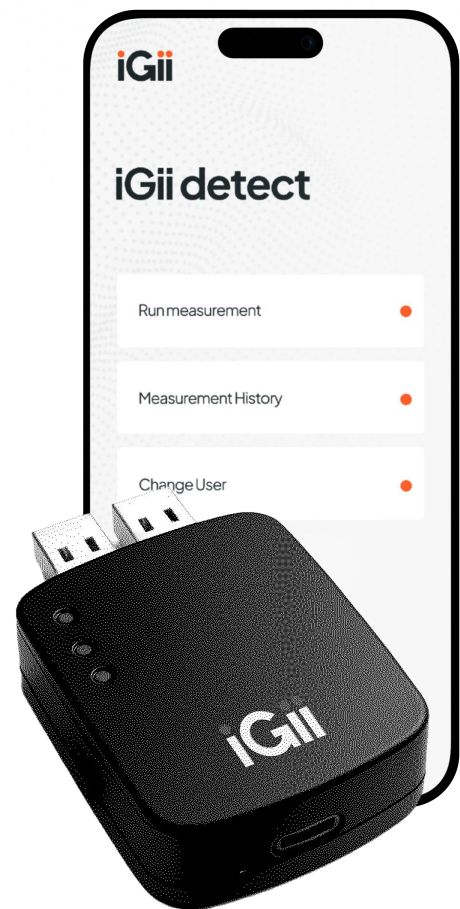
The core:

High performance, scalable sensing nanotechnology for realtime applications, offering unprecedented sensitivity, sustainability and cost-efficiency.

The module:

The complete, ready-to use with lid and microfluidics.

- **Easy App Setup:** On your mobile device, giving you instant access to all test functionalities.
- **Fast Results:** Results in minutes, seamlessly transmitted to your device.
- **Quantitative Data:** Get precise, quantitative data.



Features:

Features	Description
Low microlitre sample quantity	Ideal for point of care applications
Multiple complex matrices	One platform for blood urine and saliva samples. Integrated into Gii Platform, Gii-Sens features Gii's unique 3D structure, porous design and anti-fouling properties, enabling ultra-sensitive detection in complex matrices like blood, urine and saliva.
Flexible branding options	The Gii Platform potentiostat can be provided as a white-label product or rebranded to reflect your company's brand.
Compact and Connected	At just 10 grams and 4cm x 4cm in size, the Gii Platform potentiostat seamlessly communicates with mobile devices via Bluetooth
Customisable Sensor Options	Gii-Sens is available in our research, spot array or custom ranges. Choose from standard designs or collaborate with iGii for a solution tailored to your specific needs.

Gii makes high-performance sensing commercially viable

A ready-made solution for high-impact industries



Healthcare

Enabling faster, more reliable diagnostics.



Water Testing

Detecting contaminants and heavy metals with precision.



Soil Analysis

Delivering high-sensitivity detection for environmental monitoring.



Veterinary Diagnostics

Supporting rapid, cost-effective animal health testing.



Heavy Metal Detection

Providing a scalable, real-time monitoring solution.



Food Safety

Supports traceability, allergen screening, microbial sensing.

What is coming for Gii Platform in 2025?

The Gii technology demonstrates significant potential for creating clinically meaningful diagnostics assays, at iGii we are in the development of a ketone assay that could be applied to address Ketoneacidosis, a potentially life-threatening diabetes complication.

With the innovative Gii-based strips designed for cost-effective mass production, facilitated by their straightforward and sustainable manufacturing process, Gii offers a streamlined and affordable approach to diagnostic sensor fabrication, making it well-suited for point-of-care applications.

Leveraging current manufacturing techniques, the anticipated assay cost is projected at less than \$1 per unit.

The launch of our ketone assay is set for the second half of 2025, we are planning the development of more assays.

