

who can reduce waste
and save money, on your
processed potatoes?

you can.

working for you.



Biosensors - For Processed Potatoes

SunChemical offers a portfolio of biosensors, aimed towards the agricultural market. The biosensors are designed to work with the SunChemical Potentiostat and the appropriate android application. The android application is supplied on a preloaded tablet. Each biosensor works with its own unique application.

Potentiostat & Application features

- Step-by-step on-screen guidance
- Bluetooth connectivity between tablet and potentiostat, making the device portable and easy to handle
- Data storage of tests, including a date-stamp and personalised sample labelling, onto the tablet. Easily transferred to a PC
- Self-sensor calibration carried out with QR-code scanning. Avoiding the user carrying out calibrations and saving time
- Progress bar, showing the overall status of the measurement
- The software can be modified to display the data in the units desired by the user (modification of software carried out by SunChemical)
- The application converts the concentration to percentage, adjusting accordingly with the dry matter percentage (manual input by the user, an assumption of 20% dry matter is also an option)



Product Code	Analyte	Detection Range *	Application
BIO-GLU-A1	Glucose	0.010mM – 0.600mM	Processed potato
BIO-SUC-A1	Sucrose	0.010mM – 0.600mM	Processed potato
BIO-FRU-A1	Fructose	0.010mM – 0.800mM	Processed potato

* Each sensor has a detection range. Higher concentrations can be measured using a dilution step (software adjusts the end value according to the dilution factor).



Testing equipment may vary from image.




quality
service**innovation****A partner who transforms with you.**

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