

FOOD CONTROL DIGITALISATION

A breakthrough in analytical technology to facilitate traceability and data analysis, as well as management of the analysis process.



Certified
Technology

+



Optimised
User Experience

+



Connectivity &
Data Management

BIO 3000

A new generation of digitized **biosensors** that combines the robustness and analytical precision of the already expanded **BIOLAN** technology with the advantages of **digitally connected measuring devices**.

Connected devices to work online/offline in real time.

Technological guarantee on all upgrades.

Intuitive use through an **App** and a **digital platform**
www.biolanglobal.com

Closer and more personalised **technical and after-sales assistance**.

Intelligent data management: history, evolution, statistics, stock management, ...

Integration with other platforms or management applications.



BIOSENSORS FOR ADVANCED MONITORING

Comprehensive and intelligent monitoring of food quality and safety.

The **BIO 3000** measuring device is based on a specific **enzymatic biosensor** for the **quantification** of different parameters of interest for the food industry which gathers the following advantages:



High **accuracy in results.**

Ease of use through an App, no need of qualified personnel.

Minimal sample preparation.

Specific molecular detection.

Wide range of analysable **parameters** and matrices.

Optimised dimensions
[37.8x24.5x25.5 cm]
table-top equipment,
no installation required.

Fast results, approximately **2 minutes.**

Does not require aggressive reagents for the user and the environment.

BIOLANglobal DIGITAL SERVICES PLATFORM

Analytical expertise in intelligent data management.

BIOLANglobal helps your company to **securely store and manage** your analytical information.

Globally access your **real-time monitoring** processes and receive **tailored alerts** to keep full control of quality: a step forward towards the supply chain **traceability**.

Optimise your analytical performance with **advanced data visualization** to make **faster and better decisions**.



Available in two versions, depending on the control of the operations desired by the user.

BIOLANglobal features:

	BIOLANglobal Premium	BIOLANglobal
Cloud storage	Yes	Yes
Personalised assistance	Yes	Yes
Order module	Yes	Yes
Alerts	Personalised	Basic
Dashboard	Advanced	Basic
Data download	Unlimited	Limited
Customised performance reports	Yes	-
Stock management	Yes	-
Traceability and integration with other systems	Yes	-

BIOFISH³⁰⁰⁰

HISTAMINE

Accuracy, simplicity,
speed and connectivity.



BIOFISH³⁰⁰⁰ HIS is an enzyme-specific and cloud-connected enzymatic biosensor for the quantification of **HISTAMINE** in fish products in a precise, simple and fast way.

Measurement Matrices:

- Raw fish
- Cooked fish / Canned fish
Salted fish
- Fish meal

What you need to measure?

[BIO 3000 measuring equipment](#)

Application for
Histamine quantification

[Biotest](#)

Required consumable to
perform the analysis.

[Other reagents](#)

Analysis time:

 2 minutes

International certification:



Linear ranges of analysis:

Application	Ranges	LOQ	Recommended Matrix
Fish products	5-50 mg/kg	5 mg/kg	Raw Fish (fresh or frozen)
	10-100 mg/kg	10 mg/kg	Cooked Fish, Canned Fish, Salted Fish
	100-1000 mg/kg	100 mg/kg	Fish Meal
	300-3000 mg/kg	300 mg/kg	Fish Meal

BIOLAN

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