

BM-EVO respirometry system from Surcis with Bio-carrier reactor for MBBR for the company ATG Glove Solutions in Sri Lanka

SURCIS S.L



Sistema de Respirometría BM-EVO

[ATG Lanka \(Pvt\)](#) Limited is a privately owned company founded in Sri Lanka in 1992. Today, it is a globally recognised company operating in several continents and countries.

Focused on innovation and quality, ATG® designs, develops and manufactures gloves that improve the performance of the most sophisticated work tool: the hand. All of this is carried out in accordance with ISO 9001 standards to control the manufacturing process, enabling us to offer high quality gloves every time.



ATG en Sri Lanka

The order for the BM-EVO has been generated thanks to detailed technical information about the respirometer and its applications that Surcis has carried out with the ATG spokesman, in the framework of continuing with the company's motto: "respectful with the skin and with the environment".

In all this, ATG has taken into account the special characteristics of the equipment to be equipped with a high quality oxygen sensor type [HAMILTON equipped with OPTIFLOW system without maintenance](#) (no need for membrane change or electrolyte) and specially designed for aggressive conditions, as well as an anti-foam protector. On the other hand, it has been decisive that Surcis' BM systems include the option of installing the special Bio-carrier reactor for the MBBR.



[Bio-carrier reactor for BM Respirometry Systems](#)

The main objective of the BM-EVO respirometer will be the calculation of the critical settings of the biological reactor in the industrial wastewater treatment plant.

In principle, the BM Respirometry System will be approached to identify currents at the influent that may be unfavorable for biological treatment which can cause deviations of the normal process. Here, the BM-EVO will go to the [essential applications](#) of the COD fractions, Specific COD elimination rate (q), ["taking the pulse"](#) for fast process performance assessment, detection / assessment of a possible toxicity, among others.

For all this, the BM-EVO has important [software resources](#) that allow it to address all applications with absolute flexibility to perform the tests under different conditions and, if necessary, change them during the respirometry test.

With this acquisition, Surcis continues to consolidate its implementation of BM Respirometry [references](#) in industrial plants, nationally and internationally.