

Istanbul Technical University (ITÜ) acquires a BM-EVO2 model twin-reactor respirometry system from Surcis



SURCIS S.L.

[Istanbul Technical University](#) (ITÜ) has placed an order for a [BM-EVO2 Multifunction Respirometry System](#) from Surcis.

Est This Order is obtained thanks to the work of the company [Kent Kimya](#), which is one of the distributors of Surcis in Turkey.



The BM-EVO2 Respirometry System will be installed in the laboratory of the [Department of Environmental Engineering \(EDD\)](#) which is considered to be the leading center in the field of environmental engineering, education and research in Turkey.

It so happens that ITÜ's EDD is the second respirometer that this university acquires from Surcis. The first respirometer was the [BM-Advance Pro](#) model.

The acquisition of the BM-EVO is achieved thanks to the approval of a research project related to wastewater treatment that EDD carries out jointly with the Council of Higher Education ([YUKSEKOGRETİM KURUJU](#)), which is a body responsible for bringing together all Higher Education Institutions in Turkey under a common roof.



Technical University of Istanbul

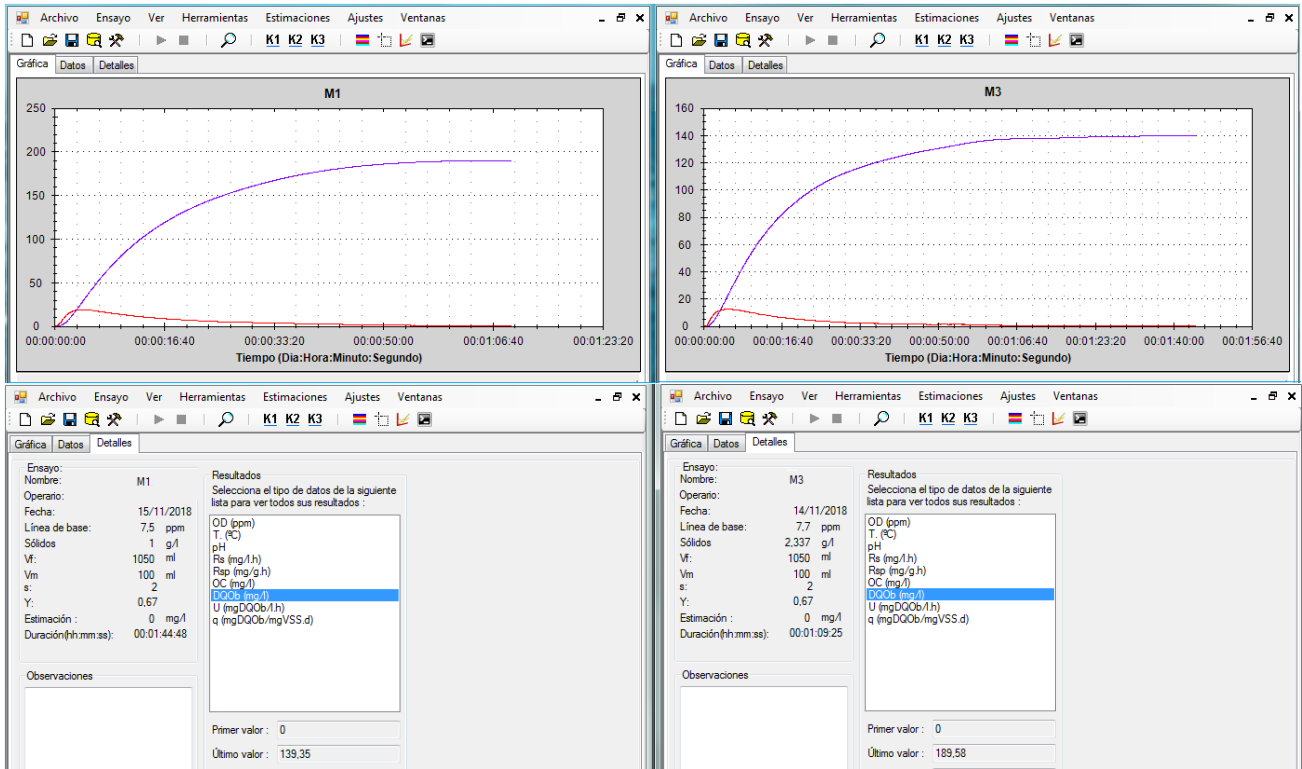
Main features of the BM-EVO2

Together with the [BM-Advance2](#) and BM-Advance Pro2 models, the BM-EVO2 is the only two-reactor stand-alone respirometer on the market that can operate simultaneously with three types of operating modes (OUR, Cyclic and Dynamic R), with programmable automatic control of temperature, oxygen and sample volumes.

BM-EVO2 has also the capability to include the [biomass-carrier reactor](#) for MBBR systems and granular biomass.

The BM-EVO2 operates with two programs loaded on a single computer. It has a specific adaptation to be able to automatically generate respirograms of the different measurements being performed in each reactor at the same time.

The system software also supports the ability to display the respirograms and results in real time for comparison and monitoring of the different test screens performed in graphical (respirogram) and tabular form.



Respirograms and simultaneous results from each reactor

On this acquisition, there are now four BM respirometry systems installed in universities in Turkey. With this, Surcis continues to consolidate its position as a benchmark in laboratory respirometry systems in universities around the world as well as in the main groups and institutions related to wastewater treatment, with a progressive and important expansion of its References at a national and international level.