



Smart and efficient materials characterizations

New advanced and modular set of analytical solutions



Developed in order to characterize the materials and their interaction abilities, NeuronIC is a global and unique set of solutions aimed at optimizing your "Inverse Gas Chromatography" [IGC] analyses and thus answering your needs.

Available yet, NeuronIC is intended to the Research & Development and to many industrial applications. It provides the surface properties of organic, mineral or hybrid materials and their interactivities.

As a modular set, NeuronIC is composed of a gas chromatograph, a robotic injection system and a workstation including four softwares selected according to the targeted applications. It enables you to work on the different types of materials' analysis in a quicker and more reliable way: to compare batches, to follow up the stability, to measure the effects of varied treatments (chemical, thermal, coating treatments, grading...).

The ease of implementation and the productivity are ensured firstly by two analytical channels operating in parallel and simultaneously and secondly by an automated injection. The automatic peak's end detection is another valuable asset because it lets the device work independently. Moreover, a large choice of molecular probes (till 45 and beyond) allows customized analyses and the used protocols are yet optimized, ensuring an improved repeatability of the measurements. Lastly, NeuronIC complies with the expected quality and traceability requirements (21 CFR 11).

Thanks to its modular and scalable design, NeuronIC is able to explore other application fields by adding new modules dedicated to future requirements.



Should you wish to investigate new interaction abilities and benefit from relevant advice with an advanced IGC technology, please do not hesitate to contact us at neuronic@adscientis.com or visit our website at www.adscientis.com/neuronic.

About Adscientis

Adscientis is specialized in Inverse Gas Chromatography materials characterization.

The society was created 17 years ago by Dr. Eric BRENDLE (CEO) who started to collaborate with the worldwide and well-known Dr. Henri BALARD and Dr. Eugène PAPIRER during his PhD and postdoc period in the early 1990s.

Thanks to the evolution of the demand, Adscientis is pursuing its Research & Development activities and completing its portfolio of services through innovative solutions such as NeuronIC.

Nowadays, Adscientis' recognition is internationally established by all its customers in the pharmaceutical industry (Novartis, Mylan, Actelion, Idorsia, Johnson & Johnson...), the fine chemicals industry (BASF, Wacker, Total, Solvay, Safran, Kronos...) or even the materials (Saint Gobain, Omya...).