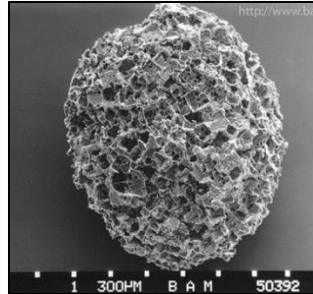


Analytical Services - Materials Testing - Expert Consulting

One of the fundamental steps to improve plant operations, efficiency and reliability is to understand thoroughly the process variables by monitoring critical parameters. Furthermore, the ability to properly analyze materials is critical. The basis of properly designing practical solutions relies on testing, analysis and characterization of key parameters the various process streams at specific locations.



Nexo Analytical offers a number of analytical services including on-site testing, laboratory analysis and data interpretation. All of Nexo Solutions's analytical & testing services are provided in a timely manner and in an easy to understand format. Nexo Solutions offers a full and customized interpretation of all gathered data and ongoing troubleshooting after an analytical program is put in place.



Nexo Analytical laboratory services include:

- Spectroscopy (UV-Vis, FTIR, EDX, AA)
- Mass Spectrometry (MS)
- Gas Chromatography (GC and GC-MS)
- Thermal Gravimetric Analysis
- Filterability Tests
- Microscopy & Particle Size Distribution
- Solubility Properties
- Gravimetric Determination
- Distillation Simulation
- Surface Tension & Rheology Tests
- Surfactant Analysis
- Extractability Tests
- Water Content Analysis
- Hydrocarbon Content Analysis
- Gas Sample Analysis
- Fouling Tendency Tests
- Foaming Tests
- Unknown material analysis

Nexo Solutions creates and builds custom analytical equipment to serve specific industries and their needs. We offer our clients a variety of technical services, as well as maintenance and repair programs. We believe that root-cause analytics, expert interpretation and process evaluation are vital to troubleshooting plant issues.

Nexo Solutions offers expertise and experience in a wide range of applications and utilizes advanced techniques in order to troubleshoot and resolve process inefficiencies. In addition to identifying the nature of compounds in samples received, Nexo Analytical also studies the application behind each sample and utilizes all information to provide interpretation of the results with the objective of finding real solutions.

For additional information, please contact us at Support@NexoSolutions.com