

Selection of Dedicated Spectrometers for Petroleum and Petrochemical Industries





Selection of Dedicated Spectrometers for Petroleum and Petrochem

Petroleum, petrochemical and natural gas industries. Materials

BSI Standards Publication BS EN ISO 21457:2010 Petroleum, petrochemical and natural gas industries -- Materials selection and corrosion control for oil and gas production systems (ISO 21457:2010) BS

[Read More](#)

Characterization of petroleum-based products by infrared spectroscopy

We review recent advances in the application of infrared spectroscopy in the petroleum industry. We focus on the methods proposed for the determination of a wide range of characteristics

[Read More](#)



ICP700T Petrochemical Version Inductively Coupled

The Petrochemical Edition Inductively Coupled Plasma Emission Spectrometer is a chemical analysis instrument specifically designed for the testing requirements of

[Read More](#)

How to Analyze Petrochemicals with an NMR Spectrometer

Magritek's Spinsolve Benchtop NMR spectrometer can be used for the characterization of fuels, crude oils, and other petrochemical products. In

[Read More](#)

Applications of Mass Spectrometry in the Petrochemical Industry

One of the newest developments, particularly important for the petrochemical industry,



is ultrahigh-resolution instrumentation, which has been made commercially available since 1974.

[Read More](#)

Petroleum Analysis , SPECTRO

SPECTRO instruments excel in the petrochemical industry, offering reliable solutions, for example for testing of diesel fuel, oil, or used engine oil.

[Read More](#)

Selection of optimized air pollutant filtration technologies for

The present study aimed to select optimal technologies for air filtration devices in petrochemical industries through a multi-criteria decision-making (MADM) method based on a fuzzy

[Read More](#)



LECO's Petrochemical Solutions - LECO Corporation

At LECO, we offer reliable instruments for petrochemical analysis, such as state-of-the-art GCxGC modulators and high-resolution time-of-flight mass spectrometers.

[Read More](#)

Analyzer Solutions Guide for the Energy and Chemical Industry

Our solutions range from basic system modifications--such as using chemically inert materials and specialty columns in systems that quantitate trace contaminants in petrochemical

[Read More](#)

ISO 21457:2010

Petroleum, petrochemical and natural gas industries--Materials selection and corrosion control for oil and gas production systems



WDXRF Industries: Petroleum and Fuels

Explore WDXRF solutions for precise elemental analysis in petroleum and fuels, ensuring quality control and regulatory compliance across various applications.

[Read More](#)

BS EN ISO 21457:2010

BS EN ISO 21457:2010 Petroleum, petrochemical and natural gas industries. Materials selection and corrosion control for oil and gas production systems <https://doi/10.3403/30167488>

[Read More](#)

Petroleum Product Analysis , Bruker



Petroleum Process and Product Analysis Oil refining and raw natural gas processing has increasingly strict requirements for process and quality control. Bruker is

[Read More](#)

ISO 21457:2010 Petroleum, petrochemical and natural gas industries

ISO 21457:2010 identifies the corrosion mechanisms and parameters for evaluation when performing selection of materials for pipelines, piping and equipment related to transport and

[Read More](#)

Lube Oil Analysis , SPECTRO

Ensure quality control of blending and additive concentrations with SPECTRO's advanced solutions for lube oil analysis, delivering precise and reliable results.

[Read More](#)



PETRO-QUANT , XRF Solution , Bruker

PETRO-QUANT supports pre-defined norms with detailed instructions. Bruker AXS also provides fully calibrated wavelength dispersive X-ray fluorescence

[Read More](#)

Energy, Oil & Gas , Biomass, refining and petrochemicals

VIS-NIR spectroscopy and chemometric methods are used for quality control in refinery and petrochemical plants. ZEISS PGS

[Read More](#)

GC-MS: A Powerful Technique for Hydrocarbon Analysis

Gas chromatography-mass spectrometry (GC-MS) is a powerful technique for separating



and detecting molecules. It is a widely-used method

[Read More](#)

ISO 21457

ISO 21457 Petroleum, petrochemical and natural gas industries -- Materials selection and corrosion control for oil and gas production systems

[Read More](#)

Petrochemical, Oil & Gas

Petrochemical and chemical labs are running complex analysis, held to rigorous standard test methods, from crude oil, natural gas or naphtha to a wide range of

[Read More](#)



NIR spectroscopy in the petrochemical and refinery

Dedicated ASTM methods for method development, method validation, and results validation are presented later in this article. Read on for a

[Read More](#)

ISO 21457:2010 PDF

Introduction The provision of well-established and robust material selection guidelines offers a means of satisfying long-term materials performance that meet the minimum requirements for a broad range of

[Read More](#)

Identification of petroleum profiles by infrared spectroscopy and

A petroleum sample contains many components which influences its physicochemical characteristics. The technique of spectroscopy in the middle infrared region obtains chemical



Advanced Molecular Characterization by Mass Spectrometry

The availability of detailed molecular information about hydrocarbon feeds and products is important to many areas of the petroleum and petrochemical industries. Detailed compositional

[Read More](#)

Process Mass Spectrometers for Gas Analysis

Thermo Scientific process mass spectrometers are engineered to meet a number of challenging process applications in the petrochemical, iron and steel, clean energy and biotechnology industries.

[Read More](#)



Petroleum, petrochemical and natural gas industries

English Version Petroleum, petrochemical and natural gas industries - Materials selection and corrosion control for oil and gas production systems (ISO 21457:2010) Industries du pétrole, de

[Read More](#)

PetrChem1910002Borisov

The choice of a mass analyzer, which provides separation and detection of charged particles formed in the ion source, is of no less importance for studying complex mixtures. The first work on the use of EI

[Read More](#)

Mass Spectrometry in Petroleum Chemistry (Petroleomics) (Review)

The first work on the use of EI mass spectrometry in petroleum chemistry was performed on mass spectrometers with sector and linear time-of-flight mass analyzers [8, 9].



Contact Us

For datasheets, pricing, or custom data center infrastructure solutions, please visit:
<https://www.zeldaterblanchephotography.co.za>