New Nigerian Spectrometer for Local Area Network Use



Overview

The X-Ray Fluorescence Spectrometer, unveiled by the Director General and Chief Executive Officer of the Council, Professor Nnanyelugo Ike-Muonso, is set to bolster local expertise in raw materials testing, create 5,000 jobs, and increase government revenue. A mass spectrometer is a sophisticated analytical instrument that precisely measures the mass-to-charge ratio of ions. In essence, it acts like a highly sensitive scale for molecules. The process involves ionizing a sample, then separating these ions based on their distinct masses, and finally. Spectrophotometers are used for many applications such as quantitative analyses, kinetics, spectrum scanning and multiple components DNA/protein testing. The Federal Government, through the Raw Materials Research and Development Council (RMRDC), has unveiled an advanced X-ray Fluorescence Spectrometer to enhance Nigeria's capacity for local raw materials testing and analysis. The X-Ray Fluorescence Spectrometer. The facility houses a range of cutting-edge equipment, including HPLC-MS, GCMS,, AAS, FTIR-ATR, UV-Vis Spectrophotometer, XRF, GC-FID/ECD, and SEM, with ICP-OES, NMR on their way.

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He has been Chairman and member of NUC accreditation teams to Nigerian Universities and has coached and chaperoned many students for competitions ...



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FTIR Spectrometer SP-IR510 IN NIGERIA BY SCANTRIK MEDICAL SUPPLIES FTIR SPECTROMETER Art.No. SP-IR510 Spectral range: 7800~400cm-1 Resolution: Better than 0.85cm ...

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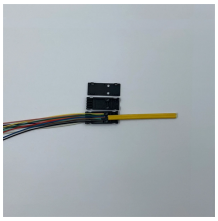
The equipment unveiled by the Director General (DG)/CEO of the Council, Prof. Nnanyelugo Ike-Muonso, is set to bolster local expertise in raw materials testing, create 5,000 jobs, ...



This article explores the development of a small, compact fiber-based spectrometer system designed to overcome the limitations of standard spectrometers, such as the high cost and ...



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