

MICROSPECTROSCOPE

Meaning: A microspectroscope is an optical instrument that combines microscopy and spectroscopy to analyze the chemical composition and spectral properties of small samples at the nanoscale.

1. The microspectroscope allowed researchers to analyze the chemical composition of the tiny samples with remarkable precision.
2. Using a microspectroscope, the team was able to identify the unique spectral signatures of various materials at the nanoscale.
3. The development of the microspectroscope has revolutionized the field of materials science by enabling detailed examination of structures.
4. In their lab, scientists utilized a microspectroscope to study the light absorption properties of individual nanoparticles.
5. The microspectroscope proved to be an invaluable tool in the investigation of complex biological samples at a microscopic level.

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