

SPECTROMETER

Meaning: A spectrometer is an instrument used to measure and analyze the spectrum of light or other electromagnetic radiation to determine the composition of substances.

1. The spectrometer is essential for analyzing the chemical composition of distant stars.
2. Researchers used the spectrometer to identify the unique spectral lines of the unknown material.
3. By adjusting the settings on the spectrometer, the team was able to improve the accuracy of their measurements.
4. In the laboratory, the spectrometer provided valuable data on the absorption characteristics of various substances.
5. The new portable spectrometer allows scientists to conduct field measurements with unprecedented precision.

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