

Safety Measures for Using Spectrometers

Use appropriate personal protective equipment when handling these samples. Solvents and corrosives may damage the surfaces or structure of the instrument if spilled on it.

Avoid setting up near open windows and outside doors to avoid humidity swings and dust buildup. Set up in a location away from busy foot traffic areas to avoid the risk of bumps or spills from people ...

Optimize mass spectrometry lab safety with this expert guide on chemical, electrical, and cryogenic hazards to protect laboratory personnel. This article explains the critical safety protocols ...

Read the instrument manual and be familiar with the safety concerns of your particular model of mass spectrometer. The information below addresses general laboratory safety concerns while operating a ...

Before using the instrument, the customer should have in place decontamination procedures designed to protect laboratory workers from occupationally acquired infections.

Information on safety practices appears throughout the documentation (both printed and online) provided with your instrument and accessories. Before using the instrument or accessories, you must ...

Before using the instrument, see the Site and Safety Information for a full description of these potential hazards. You can avoid possibly harming yourself or damaging the instrument by understanding ...

By shining light through a sample and measuring what passes through, researchers gain insights into the material's properties. This technique allows for the identification of unknown ...

In common with all computer operation the following safety precautions are advised. To reduce the chance of eye strain, set up the PC display with the correct viewing position, free from glare and with ...

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In short, infrared spectroscopy is one of the safest analytical techniques used in a modern laboratory. The instrument itself presents exceptionally low risk to the operator. The primary hazards almost ...

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