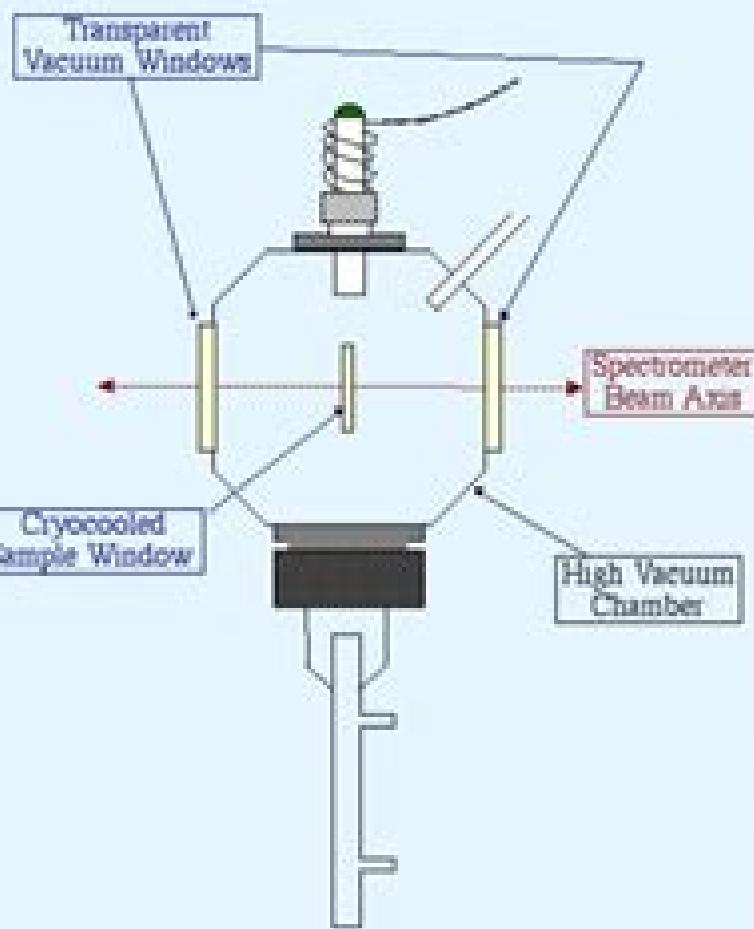
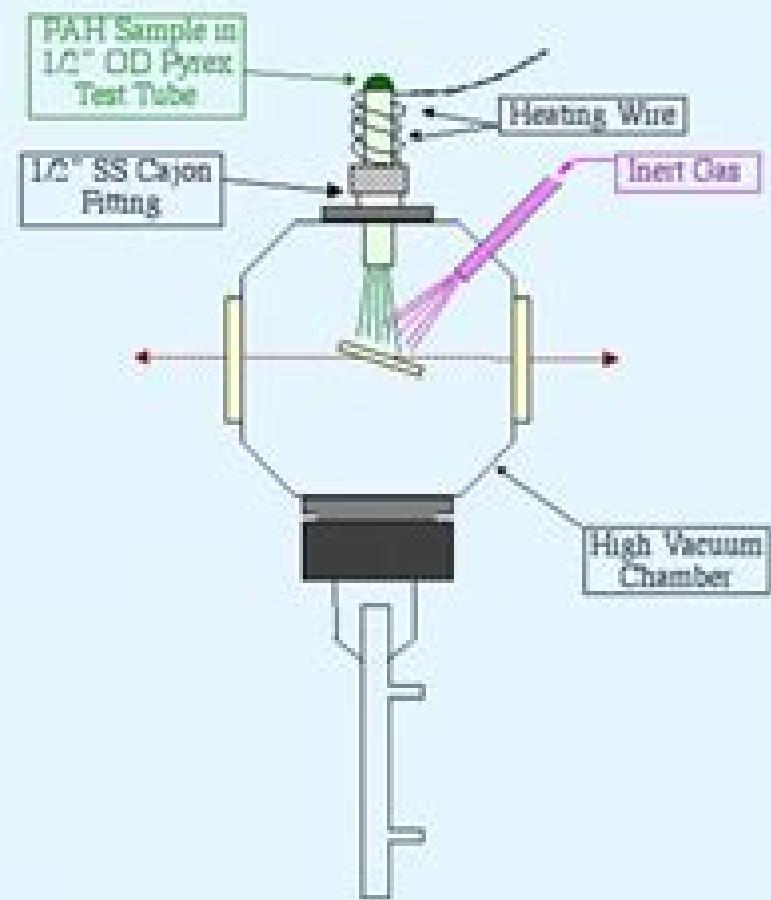


Matrix Isolation Spectroscopy



Spectrum Collection Configuration



Sample Deposition Configuration

Matrix Isolation Spectroscopy

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Matrix Isolation Spectroscopy A. Barnes,W. J. Orville-Thomas,R. Gaufrès,1981-09-30

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Stephen Cradock,A. J. Hinchcliffe,1975-10-09 This 1975 book shows how and why matrix isolation developed and describes the necessary apparatus *Chemistry and Physics of Matrix-isolated Species* Lester Andrews,Martin Moskovits,1989 Matrix isolation spectroscopy as a technique for studying unstable species has had tremendous lasting powers Since 1954 matrix isolation has been able to assimilate new technology rather than being replaced by it The matrix isolation technique for producing and trapping new chemical species has been applied to an ever increasing range of chemical and physical problems since its inception The last 12 years have seen a substantial number of new developments and applications of the matrix technique The chapters in this book describe many of the contributions of matrix isolation spectroscopy to chemistry and physics in the last decade and as such predict the continued evolution of this technique over the next decade Experimental techniques are generally closely related to the development of new apparatus and each chapter has a section describing innovations in instrumentation such as the closed cycle cryogenic cooler that has revolutionized the technique In addition each chapter describes many of the specialized methods used to prepare trap and study particular new subject species The volume will be an indispensable reference source for graduate students and other scientists new to this field as well as chemists and physicists already involved in applied spectroscopy

Studies in Matrix Isolation Spectroscopy Judy R.

Sweigart,1979 International Conference on Matrix Isolation Spectroscopy ; 7 ,1990

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discusses the content of several papers presented at the First International Conference on Matrix Isolation Spectroscopy A
brief discussion of the technique of matrix isolation spectroscopy is included **Matrix Isolation Spectroscopy of**
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