傅里叶变换红外(FTIR)光谱仪新进展

摘　要：<正> 从本届BCEIA展览会上各公司展出的仪器及提供的资料看,FTIR光谱仪最新进展有以下几点。1 仪器日益智能化,实际上是光谱仪的高度自动化 由于计算机技术和自动化技术在仪器中的广泛使用,使得红外光谱仪的调整、控制、测试及结果的分析大部分由计算机程序控制和完成,如显微红外光谱中的图象技术。各公司的显微红外光谱仪均能对样品的某一区域进行面扫描,并最

关键词：

Advance in Fourier Transform Infrared (FTIR) Spectrometers

Abstract: The more intelligent instruments have appeared for the using of computer and automatic technologies on the FTIR spectrometers , for example , the micro-imaging FTIR spectrometer. For some FTIR spectrometers, the highest resolution is 0. 0008 cm-1,the spectral range can be 50000-4 cm-1,the highest scanning speed is 117 spectra/second. The different kind FTIRspectrometers have been developed for the different applications. There are 6 optic exits on the Equvnox FTIR spectrometer,it can be connected with FT-

Key words: