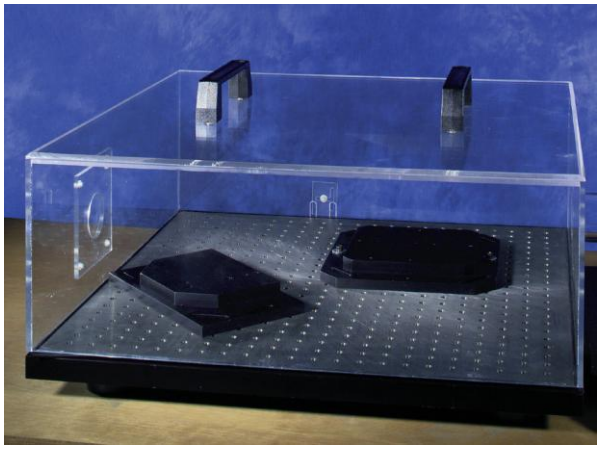
External experiment module

Data Sheet

Introduction

The External Experiment Module attaches to the external beam port of any Agilent FTIR spectrometer, establishing an optical table, or general purpose optical bench, for constructing your own experiments. Easily installed, it includes two platforms for detectors and accessories. The experimental module is designed to use standard optical components available from third party optical suppliers.



Application solutions include:

- Custom experiments, especially reflection and polarization modulation, such as PM-IRRAS
- Grazing angle of thin films with photoelastic modulator
- Do-it-yourself accessories
- Analysis of large samples that sample compartments cannot accommodate

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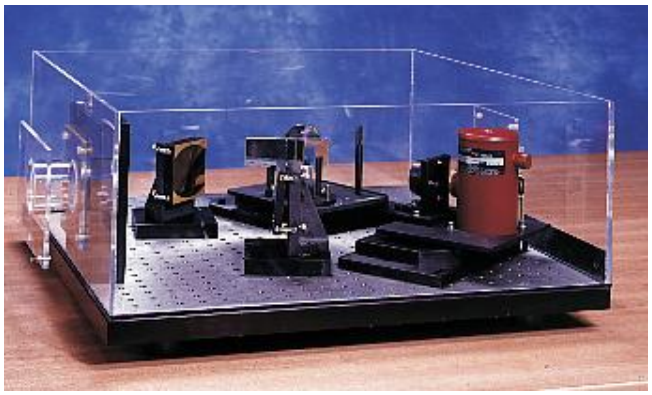
Benefits:

- Large base plate, 60 cm x 60 cm (2 ft x 2 ft), provides maximum flexibility for designing unique experiments.
- Standard optical 1/4 x 20 drilled and tapped holes on one inch centers enable off-the-shelf optical components to be attached without expensive modifications.
- Magnetic surface to accommodate standard or magnetic optical mounts, simplifies experimental setup and saves time.
- Clear plastic purge cover provides the enclosure required to obtain high quality data while allowing you to view the experiment.
- Large orifices for easy cable access provides fast setup.
- Platforms for detector and sampling accessories provides maximum experimental flexibility to measure a wide range of samples.



A grazing angle experiment, incorporating a photoelastic modulator for the analysis of thin films on metal

Item	Part Number
External Experiment Module	099-2019

Note: Compatible with Cary 660/670/680 FTIR and Excalibur series/FTS7000 spectrometers.

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