



## INFRARED ACCESSORY KIT

Our Infrared Accessory Kit is a general purpose kit for sampling gases, liquids and solids by infrared (FTIR) spectroscopy. It contains accessories necessary for the transmission analysis of gases and ATR measurements of liquids and solids. These accessories can be used for both qualitative and quantitative experiments. This kit is packaged in a durable wooden carrying and storage case.

### APPLICATIONS

- ▶ General kit for FT-IR spectroscopy.
- ▶ Analysis of gases using transmission spectroscopy.
- ▶ Measurements of liquids via ATR.
- ▶ Investigations of solids by ATR or specular reflectance.

### FEATURES

- ▶ AccessATR Single Reflection ATR Accessory starter kit with ZnSe ATR crystal. Features slide plate mounting, built-in pressure plate for solid sampling, and cover for liquid analysis.
- ▶ 45° External Reflection Accessory. Adapter to convert the AccessATR for external reflectance measurements. Includes an alignment mirror.
- ▶ 10-cm pathlength low volume Single Pass Transmission Gas Cell made from chemically inert 316 stainless steel. Includes 25x2mm KBr windows and Viton o-rings. Floor mounted.
- ▶ Universal Transmission Holder for supporting polymer films, pellets, the pellet press holder and mulls or pastes smeared between KBr windows. Readily slips into the sample slide holder in all FTIR spectrometers.
- ▶ Compatible with all FT-IR spectrometers.



### INCLUDES

- ▶ AccessATR.
- ▶ Adapter for the AccessATR for 45° specular reflection measurements.
- ▶ Alignment mirror.
- ▶ Gas Cell.
- ▶ Two 25x2mm KBr windows.
- ▶ Universal Transmission Holder.

### ORDERING INFORMATION

Infrared FT-IR Accessory Kit.....

### CATALOG NO.

IRK-FTS-XXX

### OPTIONAL AND REPLACEMENT PARTS

AccessATR ZnSe crystal.....ACC-ATR-M	KBr window (25x2mm).....WPD-U25	Mortar and Pestle.....KIT-MAP
AccessATR Ge crystal.....ACC-ATR-J	ZnSe window (25x2mm).....WMD-U25	Nujol.....KIT-NJL
AccessATR gasket.....ACC-GSK	MK Pellet Press with Die.....MKP-S13	Spatula/Scoopula.....KIT-SCP
Alignment mirror.....MOP-115	KBr Powder.....KBR-100	Syringes, 2 ml (10 pcs).....KIT-SYR