

Valu-Line Kit – High-Performance Set of FTIR Accessories Addressing All Solid and Liquid Sampling Needs



FEATURES

- Combination of most widely used FTIR accessories:
Multiple Reflection Horizontal ATR
Diffuse Reflection
30-Degree Specular Reflection
- Full range of sampling options and applications
- Complete set of auxiliary sample preparation tools for immediate productivity
- Pre-aligned, fixed-position optical designs offering reproducible, high-quality data
- High-performance accessories providing excellent sampling sensitivity
- Economical and logical addition to any FTIR spectrometer.
- Excellent starter kit for routine applications, research or teaching

The number of available FTIR accessories can be overwhelming. Sometimes, it is not easy to decide which accessory will do the job. An answer to this problem is PIKE Technologies' Valu-Line Accessory Kit. This kit, packaged in a durable and convenient storage case, combines the most often used and practical set of FTIR sampling accessories. It includes the following components:

HATR – Multiple Reflection Horizontal ATR

Designed to analyze liquid and semi-liquid samples, pastes, gels, films, soft powders and multiple solid materials. This accessory comes with trough and flat crystal plates to accommodate all types of samples. The HATR is carefully designed to provide excellent results with minimum effort. It can be easily placed in the sample compartment and locked into position on the sample compartment baseplate, or a standard slide holder.

EasiDiff – Diffuse Reflection Accessory

An ideal accessory for the analysis of powders and intractable solids. With a set of convenient tools for solid sample preparation, this compact, high-performance accessory provides outstanding collection efficiency.

30Spec – Specular Reflection Accessory

A great accessory for the analysis of thin organic films deposited on reflective surfaces and a myriad of surface coatings and surface treatments. The 30Spec is slide-mounted and comes with a set of three masks which allow for the isolation of small, predetermined spots on larger samples, and the analysis of small samples.

Please refer to the appropriate sections of the catalog for additional details about these accessories.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
050-10XX	Valu-Line Kit Includes: HATR – combined trough and flat plate system, including 45-degree ZnSe crystal trough and flat plate, volatiles cover, powder press and sample clamp EasiDiff – diffuse reflection accessory with two micro and two macro sample cups, EasiPrep sample preparation kit, alignment mirror, mortar and pestle, and KBr 30Spec – specular reflection accessory with set of three masks for control of sampling spot size

Notes: Replace XX with your spectrometer's Instrument Code. [Click for List >](#)
Add -GE, -KR, -SI or -AM to the part number to substitute the following HATR crystal plates: Germanium, KRS-5, Silicon or AMTIR.