

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



### FEATURES OF THE VALU-LINE SAMPLING KIT

- *Combination of most widely used FTIR accessories including:*
  - Horizontal ATR
  - Diffuse Reflectance
  - 30 Degree Specular Reflectance
- *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 is quite overwhelming. It is easy to be confused by multiple, often esoteric choices at typically exuberant prices. 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 – Horizontal ATR

Is 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 Reflectance Accessory

Is 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 Reflectance Accessory

Is 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, pre-determined spots on larger samples, and the analysis of small samples.

Please refer to the appropriate section of this catalog for more detail about these accessories.

### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
050-10XX	Valu-Line – FTIR Reflectance Accessories Kit <i>Includes:</i> <b>HATR</b> – combined trough and flat plate system, including 45° ZnSe crystals; trough plate, volatiles cover, powder press, flat plate and sample clamp <b>EasiDiff</b> – Accessory with sampling tools, two micro, two macro sample cups, EasiPrep sample preparation kit, alignment mirror, pestle and mortar, KBr <b>30Spec</b> – Specular reflectance accessory with a set of three masks for control of the sampling spot size

*Note: Select XX FTIR code from foldout on last page of this catalog. Add -GE, -KR, -SI or -AM to the part number to substitute the following HATR crystal plates: Germanium, KRS-5, Silicon or AMTIR.*