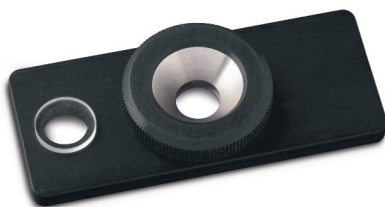


Microsampling Tools – *Compression Cells and Sample Manipulation*

PIKE Technologies Micro Compression Cell

The Micro Compression Cell is an excellent sampling tool for supporting small samples for transmission analysis with the PIKE μ MAX IR microscope. Single crystals, flattened fibers, multi-layer polymer micro samples are firmly supported between salt windows – typically KBr for transmission analysis. The cell uses 13 x 2 mm windows and has a clear aperture of 10 mm. Compression of the sample is achieved by rotation of the knurled retainer.



Micro Plane with either Carbide or Diamond Blade

The Micro Plane is a useful tool for preparation of thin slices of multi-layered samples for transmission microanalysis. The Micro Plane is available with either carbide or diamond blade. The carbide blade is recommended for general polymer materials. The diamond blade is recommended when the multi-layered sample has metallic content. The Micro Plane features an adjustable knife edge to control the thickness of the sample.



PIKE Technologies 3-Position Sample Slide

The PIKE 3-Position Sample Slide is designed for placement of 13 mm windows for transmission analysis or the 13 mm gold-surfaced disk for reflection analysis when using the μ MAX IR Microscope. An open port of the 3-Position Sample Slide is used conveniently to support a flattened free-standing fiber for transmission analysis.



ORDERING INFORMATION

Microsampling Tools

PART NUMBER	DESCRIPTION
034-3060	Micro Compression Cell <i>(requires selection of two 13 x 2 mm windows)</i>
160-1135	13 x 2 mm KBr Window, 1 each
160-1008	13 x 2 mm KBr Windows, 6 pack
162-0030	Micro Plane with Carbide Blade
162-0040	Micro Plane with Diamond Blade
162-6401	3-Position Sample Slide <i>(recommended selection of window or disk)</i>
300-0025	13 x 2 mm Gold-Surfaced Disk
034-3070	IR Microsampling Kit (3-position sample slide with gold mirror, 2 KBr windows, scissors, tweezers, probes and roller knife with replacement blades)

Notes: For items not in this list please contact PIKE Technologies.