

Sample Holders – For Transmission FTIR Analysis of Pellets and Films

All PIKE Technologies transmission holders are constructed of high-quality materials and feature a 2" x 3" standard slide mount compatible with all FTIR spectrometers.



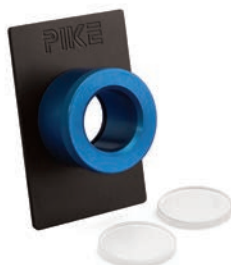
Universal Sample Holder



Heavy-Duty Magnetic Film Holder



Magnetic Film/Pellet Holder



Press-On Demountable Cell Holders



Single Pellet Holder



Dual Pellet Holder



Sampling Cards



Bolt Press and Gas Cell Holders

The **Universal Sample Holders** feature a spring-loaded mechanism which conveniently keeps in place films, salt plates, KBr pellets and other materials. The clear aperture of the holders is 20 mm and 10 mm. This universal holder offers great sample mounting flexibility.

The **Heavy-Duty Magnetic Film Holder** is designed to hold thick polymer materials and other transmission samples. The holder features a large size magnet and steel plate with a 20-mm aperture.

The **Magnetic Film/Pellet Holder** is used to mount KBr pellets and thin polymer films. Its components include a steel plate and flexible magnetic strip. The holder is designed to support 13-mm KBr pellets and films less than 0.5-mm thick.

Press-On Demountable Cell Holders are used for the analysis of smears and mulls. Available in 25-mm and 38-mm versions, both include mounting plate and pressure cap. Windows and spacers must be ordered separately.

The **Single Pellet Holder** for 7-mm KBr pellets is designed for use with the PIKE Technologies Hand Press and Pixie Hydraulic Press. For making only 7-mm pellets, this version is more convenient than the Dual Pellet Holder.

A **Dual Pellet Holder** for 1-, 3- and 7-mm KBr pellet collars features semi-circular mounts with slots accommodating specified size pellets as made using the PIKE Technologies Hand Press.

The PIKE Technologies **Sampling Cards** are inexpensive sample holders for analysis of films, polymers, 13-mm KBr pellets and other materials. Self-adhesive treated sides make sample preparation easy. The cards also offer compact and convenient means of sample storage.

Bolt Press and Gas Cell Holders – three different sizes are available. Each holder has detachable support rods for different sized accessories. The holders can also be used for placing salt plates and other large samples.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
162-5600	Universal Sample Holder, 20-mm aperture*
162-5610	Universal Sample Holder, 10-mm aperture*
162-5500	Heavy-Duty Magnetic Film Holder
162-5300	Magnetic Film Holder for 13-mm pellets and film samples
162-3600	Press-On Demountable Cell Holders for 25-mm windows
162-3610	Press-On Demountable Cell Holders for 32-mm windows
161-1018	Single Pellet Holder
161-5700	Dual Pellet Holder*
162-5410	Sample Card for 13-mm pellets (10 ea.)*
162-5400	Film Sampling Card, 20-mm aperture (10 ea.)*
161-2520	Bolt Press Holder
162-2105	Gas Cell Holder, 25 mm x 50 or 100 mm
162-2205	Gas Cell Holder, 38 mm x 50 or 100 mm

Notes: For more sample holder options, please contact PIKE Technologies. Holders marked "*" fit all standard 2" x 3" slide mounts, but due to their height may not allow for a complete sample compartment door closure on some smaller spectrometers. Please consult PIKE Technologies before placing an order.

REPLACEMENT PARTS

PART NUMBER	DESCRIPTION
162-5611	O-Rings for Universal Sample Holder, 25 mm (6 ea.)
162-5612	O-Rings for Universal Sample Holder, 10 mm (6 ea.)