

10 Degree Transmission Accessory – For Horizontal Sample Placement

PIKE



FEATURES

- Horizontal sample mount
- High energy throughput
- Fiber mount for sample irradiation
- Purgeable optics

The 10 Degree Transmission Accessory is designed to allow for IR analysis in transmission mode while the sample may be simultaneously subjected to an external light source, making this an ideal for accessory for monitoring photocatalytic reactions. Additionally, this transmission accessory offers an optical platform for samples that require horizontal positioning.

The angle of incidence of the beam is 10 degree to the sample. To maximize the energy throughput through the sample, the accessory is designed to focus the beam at the sample position when using most commercial spectrometers.

This accessory includes a convenient fiber holder to position an external light guide to the sample. The integrated sample holder accommodates 2 x 3" standard slide mount sample holders for infrared solid and liquid holders.

SPECIFICATIONS

Optics	All reflective
Angle of Incidence	10 °
Purge Sealing	Purge tubes and purge barb included
Dimensions (W x D x H)	152 x 284 x 102 mm
FTIR Compatibility	Most, specify model and type.

ORDERING INFORMATION

PART NUMBER DESCRIPTION

109-10XX 10 Degree Transmission Accessory

Notes: Replace **XX** with your spectrometer's Instrument Code listed on page 191. Base Optics includes purge tubes, purge kit and spectrometer base mount.

OPTIONAL PARTS

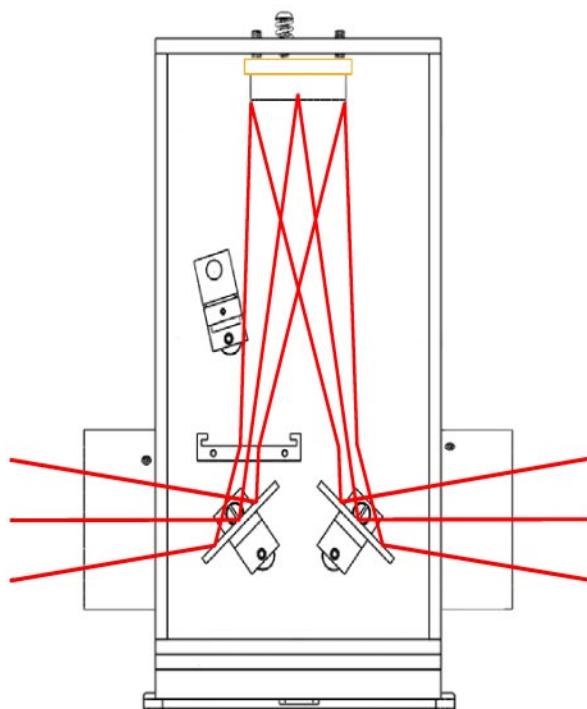
PART NUMBER DESCRIPTION

162-5600 Universal Sample Holder, 20-mm aperture

162-5300 Magnetic Film Holder for 13-mm pellets and film samples

162-5410 Film Card for 13-mm pellets (10 ea.)

162-5400 Film Sampling Cards, 20-mm aperture (10 ea.)



Proprietary beam path within the 10 Degree Transmission Accessory.



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