

## RotatIR – Automated Rotating Sample Stage



### FEATURES OF THE ROTATIR

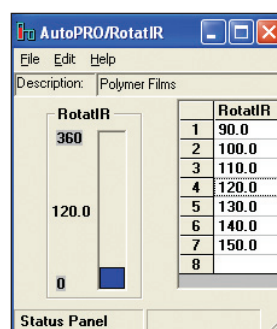
- Automated selection of angle of sample transmission
- Programmable from 0 to 360 degrees with resolution of 0.2 degrees
- Automated collection of spectra at the defined angle of transmission via AutoPRO software
- Compatible with most FTIR systems

The PIKE Technologies RotatIR is designed for automated selection of the angle of transmission of the sample relative to the IR beam in the FTIR sample compartment. Applications include the study of sample thickness and sample reflectivity. Selection of the angle of transmission is automated through the use of PIKE Technologies AutoPRO software, the Motor Control Unit and the integrated stepper motor. A full set of spectra may be collected automatically by pre-defining the angles from AutoPRO software.

The RotatIR features a standard 2" x 3" slide mount for easy positioning of different types of transmission sample holders.

AutoPRO software is written in Visual BASIC and allows complex test sequences to be setup, stored as methods and implemented with full flexibility. The Motion Control Unit incorporates a smart power supply and works with 85-265 VAC, 47-63 Hz power lines.

The PIKE RotatIR accessory is designed to fit most FTIR spectrometers. Please contact us for more product details.



AutoPRO software provides interface for automated collection of spectral data

### ORDERING INFORMATION

#### RotatIR Automated Rotating Sample Stage

PART NUMBER DESCRIPTION

091-20XX	RotatIR Automated Rotating Sample Stage Includes: AutoPRO Software and a Motion Control Unit (85-265 VAC)
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Notes: Insert FTIR XX code found on the fold-out on the last page of this catalog.

#### RotatIR Options

PART NUMBER DESCRIPTION

162-5400	Film Sampling Card – 20 mm clear aperture, 10 each
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Notes: If you need options not described here, please contact us.