MOOV

A - Nicolet 6700 FTIR System

* Vectra Aluminum Interferometer
* Continuous Dynamic Alignment
* Auto-Tune™
* System, Sample Compartment, and Accessory Purge Ports and Electronic Interface
* Automated continuously variable aperture

Standard Mid-IR Configuration

* ETC Ever-Glo Source
* KBr Beamsplitter (7,800-350 cm^{-1})
* DTGS Detector w/ KBr Window (12500~350 cm-1)

Sealed and Desccicated

Nicolet x700 English Language Kit

OMNIC 8 Software

~ Data Collection w/ auto atm suppression
~ Spectra Search and standard library
~ Multi-media Help and Tutorials
~ File & Library Conversion

B - Continuum IR Microscope w/ mapping function

Continuum IR Microscope including

~ Infinity Corrected Optics for Highest Quality IR and Visible Light Rendition
~ On-Axis Optics with Coincident IR and Visible Light Paths
~ Targeting Sample Illumination
~ Motorized, ReFlex Pre and Post Sample Masking Aperture with X,Y, and theta Control.
~ Automated Reflectance / Transmission Sampling Modes
~ 50 Watt Brightfield Koehler Transmission Illumination with intensity and contrast control
~ 50 Watt Brightfield Koehler Reflectance Illumination with intensity and contrast control
~ Motorized Sample Focus
~ Condenser Focus Control
~ Integrated Contact Alert Electronics
~ Dual Detector Upgradeable
~ Purged System including Purge Regulator
~ Trinocular Viewer with 10X Eyepieces
~ LN2 Dewar

Automation ATR Continuum Optical Configuration

~ 4-Place Nosepiece

~ 10X Glass Refracting Objective

~ 15X Reflachromat Objective

~ 15X Reflachromat Condenser

~ Motorized Micro Positioning Stage with Controller

~ Dual Detector Optics

~ Thermo Scientific MCT-A Detector (11,700-600 cm-1)

~ Digital Color Video Camera kit

~ X, Y Stage Control

~ Auto Reflex Aperture

~ Auto ATR Contact

~ Auto-Focus

~ Ge Tip ATR Crystal Slide-On with Integral Contact Alert

Continuum English Language Kit

Power Cord North American 120v, 3 Conductor

Continuum Interface for Left Side of Nicolet X700/Nexus

X700 Aluminum Dual Passport Mirror Assembly

Desiccated KBr Window Kit

Atlus Microscopy Software for OMNIC 8

~ Point and Click Video Interaction

~ Point and Click Stage Control Interaction

~ Sample Size Calibration

~ InterLink between Window Displays

~ Apply Functions (baseline, straight line, etc.)

~ Contour and 3D display panel

~ Image Analysis

~ Multivariate Curve Resolution

~ PCA reconstruction