

PROTA-2X™ Instrument

FT-IR SPECTROMETER SYSTEM

- » ABB MB3000 FT-IR spectrometer consisting of:
 - Arid-Zone sample compartment with countercurrent purge flow in telescopic purge tubes
 - Non-hygroscopic ZnSe beamsplitter
 - High-sensitivity DTGS detector
- » Resolution: 1 cm^{-1} - 128 cm^{-1}
- » Spectral range: 6,500 - 500 cm^{-1}

ADDITIONAL HARDWARE

- » Pre-loaded PC
- » *BioCell*™ with CaF_2 windows
- » Purge Control Kit

SOFTWARE

- » Windows-based integrated software for data acquisition and data analysis
- » Complete Grams A/I software
- » Protein FT-IR databases
 - Transmission
 - ATR
 - Excipients

AFTER-SALES SERVICE

- » Installation and training on FT-IR spectroscopy of proteins by experienced scientists
- » BioTools combined service and technical protein application support for one year

OPTIONS

- » Variable Temperature cell and automatic temperature controller with computer interface
- » KBr and ATR accessories
- » Microscope
- » A dry air purge supply is recommended to achieve optimal performance

