



PTRam™

Process Development Raman Analyzer

The PTRam is a 19" rack-mountable Raman analyzer designed for product and process development in the chemical, petrochemical and pharmaceutical industries.

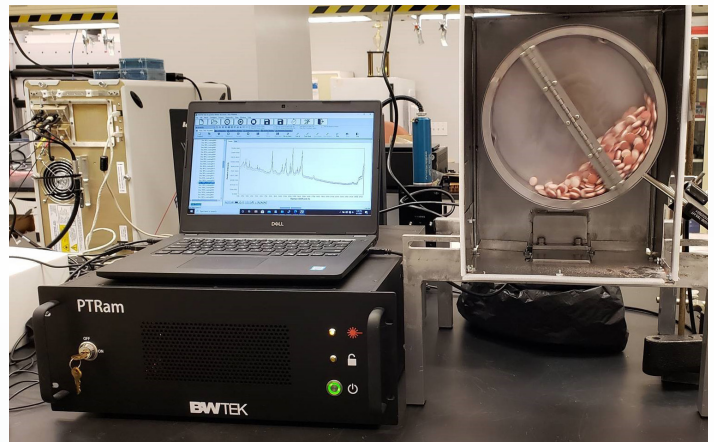


Features

- High performance, precise, rugged, and reliable spectrometer
- Long lasting, rock solid laser stability
- Self-calibrating, self-monitoring to ensure the validity of each measurement
- Automated system validation
- 24/7 real-time monitoring
- Single channel fiber-optically coupled sample probe with user-replaceable shaft

Applications

- Pharmaceutical API Development: Reaction Chemistry, Yield
- Crystallization and Polymorph Transition Process Monitoring
- Pharmaceutical Formulations Development: Blending, Granulations, Drying
- Bioprocessing including Fermentation
- PAT/QbD Applications
- Biologics/Biomedical
- Polymerization
- Polymer Blending
- Extrusion Monitoring
- Catalysis Investigation



Included Accessories (A variety of additional accessories are also available)



Lab-grade fiber optic probe, 1.5 m length (BAC100B-785-HT)



Laser safety goggles



ASTM Polystyrene validation standard (NR-PCC)



Windows-based Vision® operating software (non-Pharma version)

Visit www.bwtek.com for more information