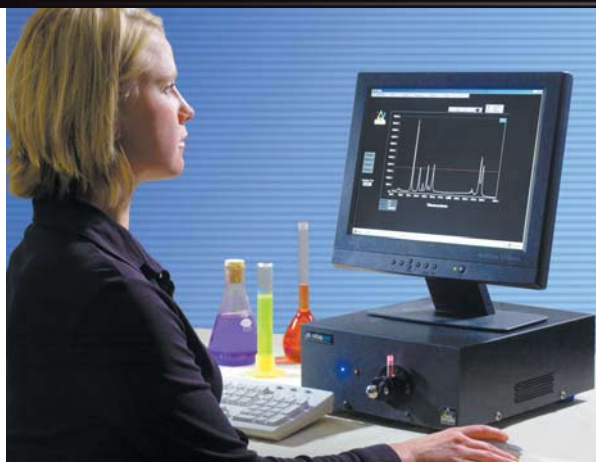


**Looking for something NEW to teach?**  
**Need textbook results fast?**



**Add Raman to your lab!**



## Easy to use...

*"We have used the Delta Nu Raman Spectrometer in our quantitative analysis, instrumental analysis, and physical and organic chemistry labs. It is extremely easy to use and obtains very good results within the quoted specs. It is so easy to use that students use it instead of the IR spectro-photometer. We have used it for solids, liquids, and films with excellent results. We are extremely satisfied with the instrument and will expand its use this semester."*

—Leon L. Combs  
 Kennesaw State University

## Advantage 633™

### Raman System

Delta Nu announces the Advantage 633 Raman system. It's perfect for academic settings and comes complete with:

- compact, sensitive and versatile Raman spectrometer
- computer with flat panel LCD monitor
- easy to use software
- complete package of accessories

*and best of all ... prepared labs!*

Easily demonstrate topics in analytical, physical, inorganic and organic chemistry. Choose from pre-tested experiments, each with instructor and student versions. Examples include:

- group theory and vibrational spectroscopy
- periodic trends using Raman spectroscopy
- adsorption isotherms using SERS
- instrumental analysis: ethanol & water

## Contemporary...

Teach students about vibrational spectroscopy using "green chemistry." Information rich Raman spectra can identify all 7 types of recyclable plastics. These spectra were acquired by a freshman summer student using the Advantage 633! See our plastic recycling lab at our website. This lab teaches about the plastics recycling industry and introduces students to polymeric structures. It is ideal for general chemistry, organic chemistry, or environmental chemistry.

### Applications Series: #4 – Green Chemistry

#### Plastic Types 1 – 7

