Geiger-Mueller Counting systems form the basis of nuclear science instruction. They are typically used for teaching modern physics, nuclear medicine, health physics, radiochemistry, biology and many applied nuclear sciences. Additionally, the systems may also be used for radiation monitoring, wipe testing and general surveying of radioactivity.

Systems are supplied complete, including exempt quantity radioisotope sources, instructional material, cables and computer interfacing software.

Intermediate Nuclear Lab System - **INTER Complete System for PCs**

The Intermediate System is built around the new ST360 Radiation Counter and provides the ultimate in nuclear lab systems for studying the characteristics of radiation.

Features include preset time, a digital ratemeter with audible beeper and alarm and digitally controlled high voltage. The system includes a large volume Geiger-Mueller detector for improved efficiency, a 10-position sample stand, USB and serial interfaces to PC and Macintosh, software for full computer and data transfer, five radioisotope sources, 20-piece calibrated absorber set, lab manuals on CD and cables.

Operation may be as a stand-alone station or directly from the computer when used. Data files are saved in spreadsheet compatible format for importing in most common spreadsheets allowing the student to perform calculations and graph the results for printing. Software is compatible with Windows 95 and higher and System 7 through System 9 on the Macintosh.

The ST360 is equipped with upgraded high voltage and an internal preamplifier allowing operation with optional scintillation detectors for gross gamma counting.

System Components.

- **ST360 Radiation Counter with Windows and Macintosh software.**
- **GP35 GM 35 probe with stand and cable.**
- **USB USB cable for PC or MAC.**
- **RSS5 Set of five sources, Alpha, Beta, Gamma.**
- **RAS20 Set of 20 calibrated absorbers.**
- **LM5 Nuclear Science Instructors and Student Lab manuals on CD.**
- **Power Supply Specify operating voltage.**