...that’s when you can count on help from CES, the Castle Engineered Sterilization program. At your disposal are the results of a three-year study of the many packaging films, papers and laminations suitable for use with the Castle Sterox-O-Matic ethylene oxide process. Our analyses of factors such as gas and water absorption, ability to withstand pressure fluctuation, color retention and clarity in packaging may be a real help to you.

Right now we’re doing research for some of the country’s biggest producers of sterile-packaged products. By many we’re recognized as the leading authority on sterile packaging. Be that as it may, we’d like to put our resources to work for you, too.

WRITE today for literature. There’s no obligation for initial CES research and planning.

CASTLE
LIGHTS AND STERILIZERS
WILMOT CASTLE Co., 1713-10 E. HENRIETTA RD., ROCHESTER 18, N.Y.
Fully Automatic, Transistorized
AUTO-GAMMA® Spectrometer System

for counting samples of:

- IODINE¹³¹
- IRON⁵⁹
- RADIUM DAUGHTERS
- CHROMIUM⁵¹
- GOLD¹⁹⁸
- POTASSIUM⁴²
- COBALT⁶⁰

... and other gamma emitters—

- up to 100 samples counted automatically
- repeats individual samples or entire loading
- symmetrical geometry provides constant background
- sample number, time and count printed out on paper tape
- integral, differential and wide-window counting modes
- manual model can be automated at any time

The Auto-Gamma Spectrometer System counts and records data from as many as 100 test tube samples. Operation can be maintained on an around-the-clock basis.

The energy spectrum of an isotope can be plotted with the Auto-Gamma Spectrometer by means of the precise Narrow Window setting. Ordinarily, the photopeak is then counted within the Wide Window of the pulse height analyzer to minimize background. This use of the spectrometer optimizes the count-to-background ratio and permits shorter counting periods or lower tracer levels.

Obviously, automatic sample counting is desirable when large numbers of samples are to be counted. It is just as useful, however, for counting small numbers of low activity samples. Blanks and standards can be arranged among the samples for background checks and calibration. The complete series of tubes can then be counted automatically as many times as required to give desired statistical accuracy.

The detector and spectrometer components of the system are available separately for manual operation.

For complete information write for Bulletin 400.

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