The stopcock plugs* are in this new line of KIMAX® Laboratory Glassware eliminating freezing, binding, grease contamination

KIMAX Laboratory Glassware now offers the convenience of Teflon stopcock plugs...

No Binding—accomplished by exaggerated 1:5 taper of Teflon Plugs in polished glass barrels.

No Freezing—because of extraordinary chemical inertness of Teflon.

No Leaking—perfect fit of Teflon Plug with the polished glass barrel.

No Contamination—self-lubricating... no grease needed with Teflon stopcock plugs.

Easy Control—simple to adjust, control is easily maintained.

KIMAX Stopcocks with Teflon Plugs are "interworkable" with other borosilicate glass of the same coefficient of expansion.

This new line of KIMAX apparatus with Teflon Stopcock Plugs may be assorted with other Kimble laboratory glassware making possible larger quantity discounts. Your dealer will show you how you may realize more savings by specifying Kimble for all your laboratory glassware needs.

For further information, write Kimble Glass Company, a subsidiary of Owens-Illinois, Toledo 1, Ohio.

KIMBLE LABORATORY GLASSWARE AN O PRODUCT

OWENS-IllINOIS GENERAL OFFICES • TOLEDO 1, OHIO
Fully Automatic, Transistorized
AUTO-GAMMA® Spectrometer System

for counting samples of:

- IODINE$^{131}$
- IRON$^{59}$
- RADION DAUGHTERS
- CHROMIUM$^{51}$
- GOLD$^{198}$
- POTASSIUM$^{42}$
- COBALT$^{60}$

... 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.