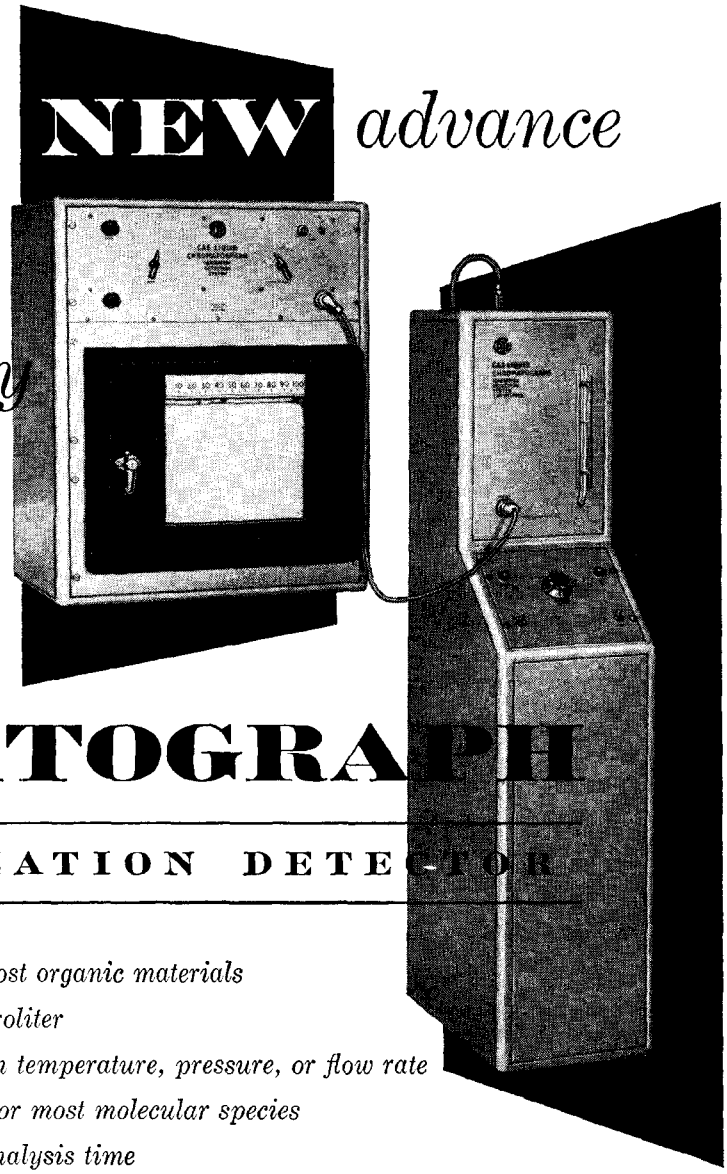
A spectacular **NEW** *advance in gas-liquid chromatography*



PYE ARGON CHROMATOGRAPH

With exclusive / **IONIZATION DETECTOR**

★ *Detects as little as 2 x 10^{-12} moles of most organic materials*

★ *Accepts samples as small as 0.025 microliter*

★ *Virtually independent of fluctuations in temperature, pressure, or flow rate*

★ *Requires only single calibration curve for most molecular species*

★ *Short, high efficiency column reduces analysis time*

Here's the instrument that stole the show at the 1958 Gas-Liquid Chromatography Symposium in Amsterdam. Developed by Drs. Lovelock and James, of the National Institute for Medical Research, London, the Pye Argon Chromatograph marks a tremendous step forward in gas-liquid chromatography. Already forecast are analytical sensitivities in the imagination-staggering order of 100,000 times greater than now attainable!

In contrast with conventional chromatographs and vapor fractometers employing thermal techniques, Pye's ionization detector system maintains stability and reproducibility *virtually independent* of such variables as temperature, pressure, or flow rate. Degree of control is set solely by column requirements. And since the Pye Argon Chromatograph readily accepts microscopic samples (0.1 to 0.025 microliter), column overloading is prevented and efficiencies of over 1000 theoretical plates per column foot are obtained.

Learn how your own analytical efforts can profit by this startling new concept in gas-liquid chromatography. Detailed literature on the Pye Argon Chromatograph is yours for the asking — or better yet, invite a Jarrell-Ash methods engineer to your office or laboratory for a firsthand discussion of your analytical problems. No obligation, of course.

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